

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060615\  
 Data File : BF079771.D  
 Acq On : 6 Jun 2015 16:17  
 Operator : TP/IZ  
 Sample : PB83804BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

Quant Time: Jun 08 18:32:23 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 08 15:29:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 254950   | 20.00 | ng    | 0.15     |
| 21) Naphthalene-d8        | 0.00  | 136  | 0        | 0.00  | ng    | -8.79    |
| 38) Acenaphthene-d10      | 10.55 | 164  | 124156   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 12.06 | 188  | 246927   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.97 | 240  | 294304   | 20.00 | ng    | 0.03     |
| 86) Perylene-d12          | 16.89 | 264  | 225364   | 20.00 | ng    | 0.07     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.10  | 112 | 552320 | 36.31  | ng | 0.00  |
| 7) Phenol-d6             | 7.07  | 99  | 704995 | 35.88  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 8.03  | 82  | 408592 | 0.00   | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.35 | 330 | 152631 | 128.54 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.85  | 172 | 693786 | 75.71  | ng | -0.01 |
| 78) Terphenyl-d14        | 13.71 | 244 | 942442 | 73.34  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 71878  | 10.68 | ng | 99     |
| 3) Pyridine                    | 4.26  | 79  | 206865 | 10.99 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 4.18  | 42  | 89348  | 10.94 | ng | 97     |
| 6) Aniline                     | 7.13  | 93  | 195843 | 6.87  | ng | 98     |
| 8) 2-Chlorophenol              | 7.26  | 128 | 185189 | 11.25 | ng | 87     |
| 10) Phenol                     | 7.08  | 94  | 262519 | 12.28 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 177646 | 10.71 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146 | 236043 | 11.45 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.66  | 146 | 223094 | 10.20 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.66  | 146 | 223083 | 10.92 | ng | 98     |
| 15) Benzyl Alcohol             | 7.60  | 79  | 180639 | 11.13 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.74  | 45  | 258240 | 10.30 | ng | 99     |
| 17) 2-Methylphenol             | 7.70  | 107 | 154721 | 10.07 | ng | 96     |
| 18) Hexachloroethane           | 8.00  | 117 | 73106  | 11.50 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.86  | 70  | 132774 | 9.74  | ng | 99     |
| 20) 3+4-Methylphenols          | 7.85  | 107 | 204336 | 10.44 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.66  | 216 | 154705 | 40.01 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 9.64  | 237 | 148156 | 89.12 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.76  | 196 | 104091 | 40.47 | ng | 98     |
| 43) 2,4,5-Trichlorophenol      | 9.80  | 196 | 105430 | 38.97 | ng | # 88   |
| 45) 1,1'-Biphenyl              | 9.95  | 154 | 414445 | 38.37 | ng | 99     |
| 46) 2-Chloronaphthalene        | 9.99  | 162 | 314266 | 35.64 | ng | 92     |
| 47) 2-Nitroaniline             | 10.07 | 65  | 69127  | 37.37 | ng | # 60   |
| 48) Acenaphthylene             | 10.41 | 152 | 507007 | 34.77 | ng | 100    |
| 49) Dimethylphthalate          | 10.23 | 163 | 344811 | 36.05 | ng | 99     |
| 50) 2,6-Dinitrotoluene         | 10.30 | 165 | 61730  | 40.48 | ng | # 80   |
| 51) Acenaphthene               | 10.58 | 154 | 312692 | 37.87 | ng | 95     |
| 52) 3-Nitroaniline             | 10.47 | 138 | 53695  | 26.58 | ng | # 82   |
| 53) 2,4-Dinitrophenol          | 10.58 | 184 | 36879  | 73.10 | ng | # 82   |
| 54) Dibenzofuran               | 10.75 | 168 | 469560 | 40.15 | ng | 97     |
| 55) 4-Nitrophenol              | 10.62 | 139 | 130953 | 86.80 | ng | # 85   |
| 56) 2,4-Dinitrotoluene         | 10.71 | 165 | 84356  | 45.02 | ng | # 70   |
| 57) Fluorene                   | 11.10 | 166 | 350935 | 34.67 | ng | 99     |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.87 | 232 | 92165  | 42.08 | ng | 95     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060615\  
 Data File : BF079771.D  
 Acq On : 6 Jun 2015 16:17  
 Operator : TP/IZ  
 Sample : PB83804BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

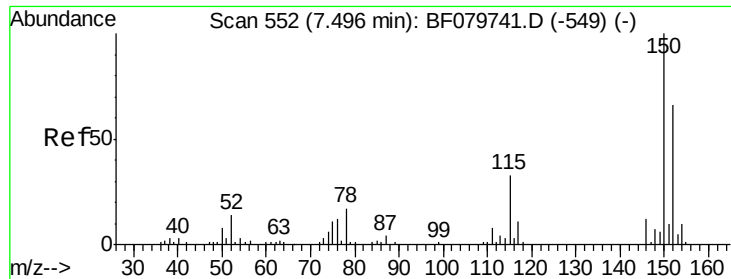
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

Quant Time: Jun 08 18:32:23 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 08 15:29:07 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 59) Diethylphthalate           | 10.94 | 149  | 341060   | 36.47 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 11.08 | 204  | 178382   | 38.89 | ng #  | 81       |
| 61) 4-Nitroaniline             | 11.08 | 138  | 66318    | 35.13 | ng    | 86       |
| 62) Azobenzene                 | 11.24 | 77   | 352577   | 37.31 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 11.13 | 198  | 22848    | 39.04 | ng #  | 66       |
| 65) n-Nitrosodiphenylamine     | 11.20 | 169  | 304238   | 36.89 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.58 | 248  | 102676   | 38.40 | ng    | 92       |
| 67) Hexachlorobenzene          | 11.67 | 284  | 115762   | 38.49 | ng    | 98       |
| 68) Atrazine                   | 11.71 | 200  | 105134   | 42.41 | ng    | 100      |
| 69) Pentachlorophenol          | 11.85 | 266  | 129629   | 81.61 | ng    | 98       |
| 70) Phenanthrene               | 12.08 | 178  | 550365   | 38.07 | ng    | 99       |
| 71) Anthracene                 | 12.14 | 178  | 561583   | 39.39 | ng    | 99       |
| 72) Carbazole                  | 12.27 | 167  | 496103   | 36.62 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.59 | 149  | 582592   | 37.93 | ng #  | 82       |
| 74) Fluoranthene               | 13.33 | 202  | 583802   | 36.88 | ng    | 98       |
| 76) Benzidine                  | 13.44 | 184  | 298474   | 32.13 | ng    | 98       |
| 77) Pyrene                     | 13.58 | 202  | 613622   | 34.01 | ng    | 98       |
| 79) Butylbenzylphthalate       | 14.24 | 149  | 289655   | 40.27 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.96 | 228  | 693624   | 38.50 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.89 | 252  | 181391   | 29.64 | ng #  | 99       |
| 82) Chrysene                   | 15.01 | 228  | 653354   | 39.23 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.91 | 149  | 459734   | 40.45 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 15.69 | 149  | 821359   | 41.03 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.87 | 276  | 580101   | 30.09 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 16.32 | 252  | 657912   | 46.99 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 16.35 | 252  | 668995   | 49.82 | ng    | 98       |
| 89) Benzo(a)pyrene             | 16.80 | 252  | 523506   | 40.51 | ng #  | 98       |
| 90) Dibenzo(a,h)anthracene     | 18.89 | 278  | 481198   | 38.58 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.47 | 276  | 489322   | 37.95 | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



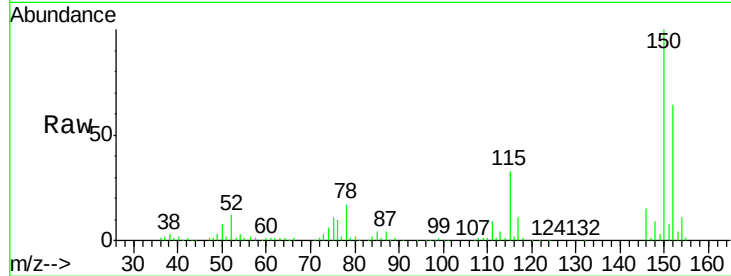


#1

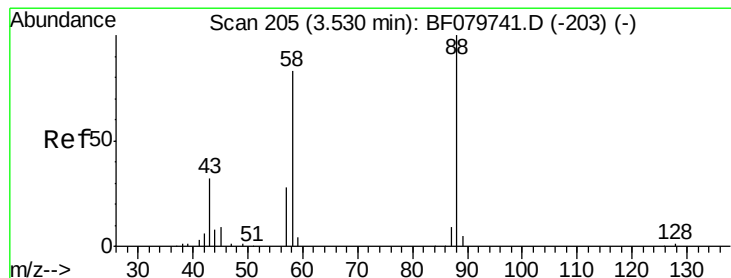
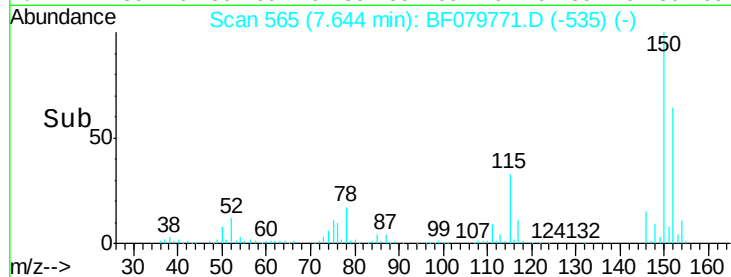
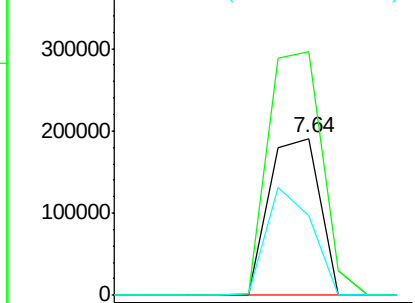
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.64 min Scan# 565  
Delta R.T. 0.15 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion:152 Resp: 254950  
Ion Ratio Lower Upper  
152 100  
150 155.5 128.1 192.1  
115 50.8 49.7 74.5



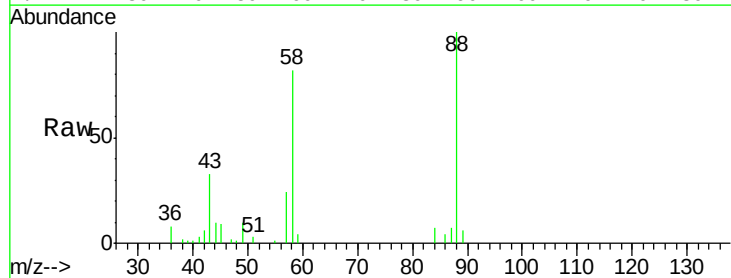
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



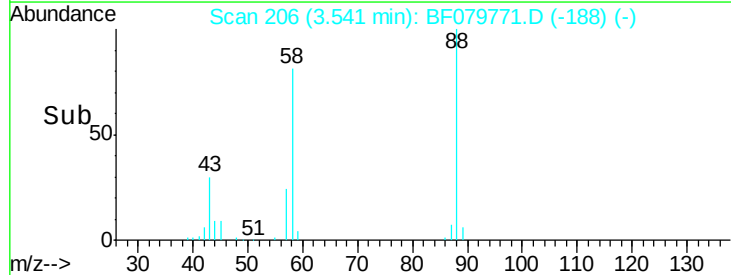
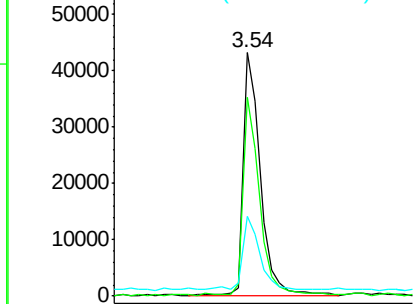
#2

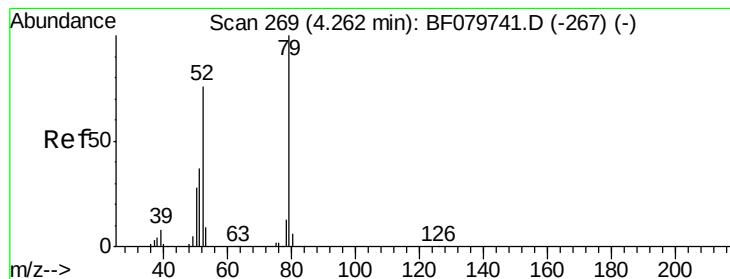
1,4-Dioxane  
Concen: 10.68 ng  
RT: 3.54 min Scan# 206  
Delta R.T. 0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 88 Resp: 71878  
Ion Ratio Lower Upper  
88 100  
58 80.3 64.2 96.4  
43 29.3 25.1 37.7



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.99 ng

RT: 4.26 min Scan# 269

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

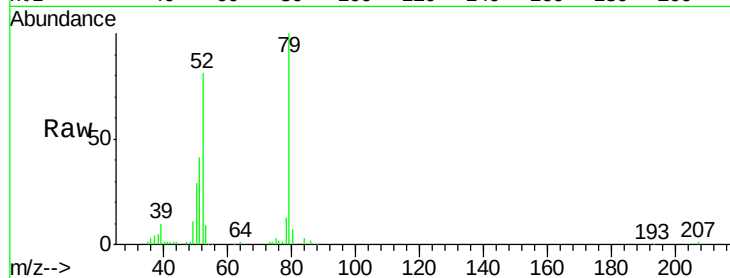
Tgt Ion: 79 Resp: 206865

Ion Ratio Lower Upper

79 100

52 81.2 63.1 94.7

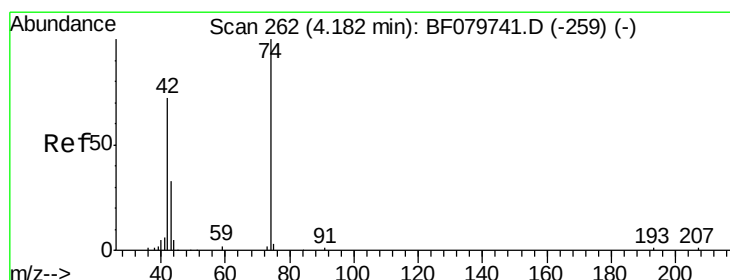
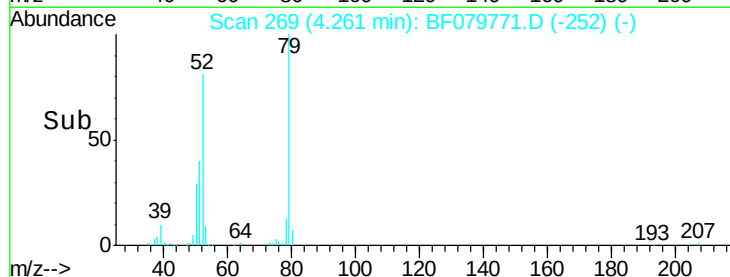
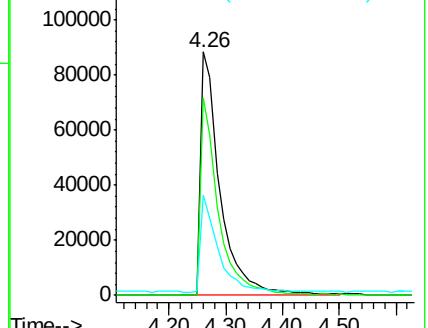
51 41.3 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 10.94 ng

RT: 4.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

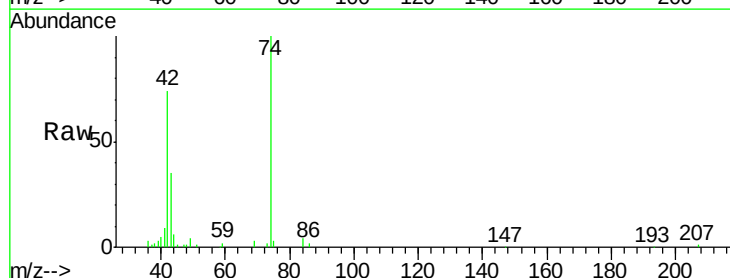
Tgt Ion: 42 Resp: 89348

Ion Ratio Lower Upper

42 100

74 134.7 110.6 165.8

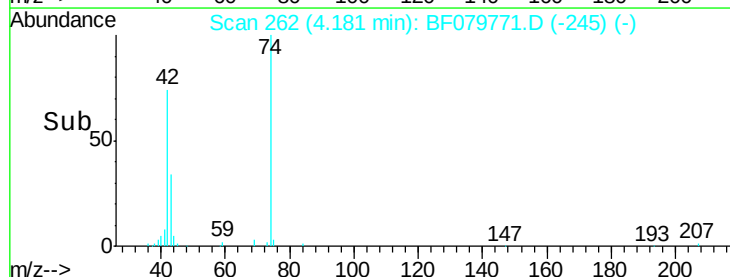
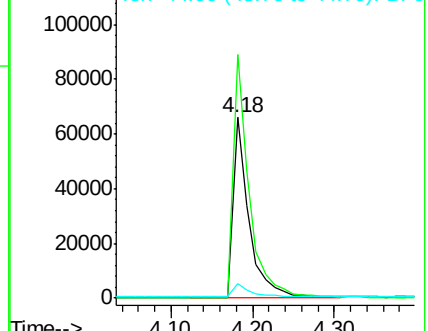
44 8.2 6.2 9.2

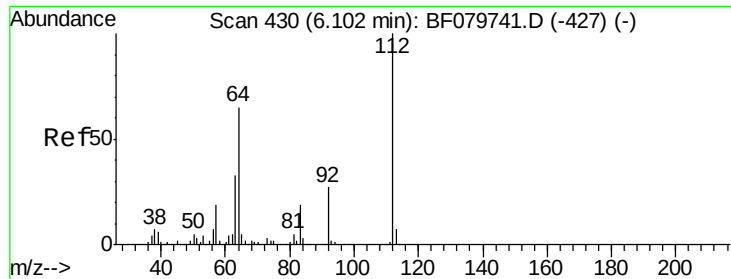


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 36.31 ng

RT: 6.10 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampled :

PB83804BS

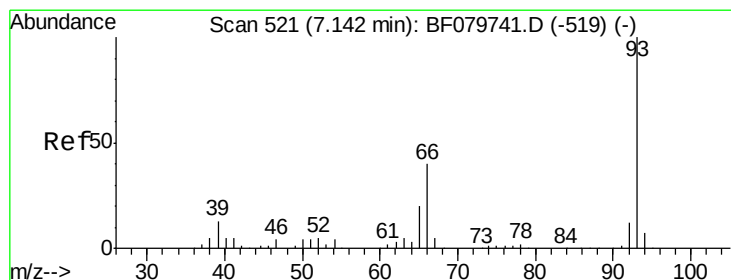
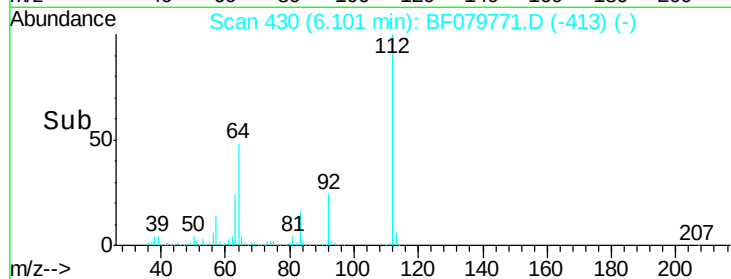
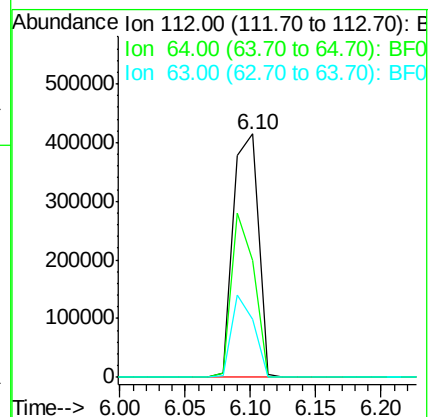
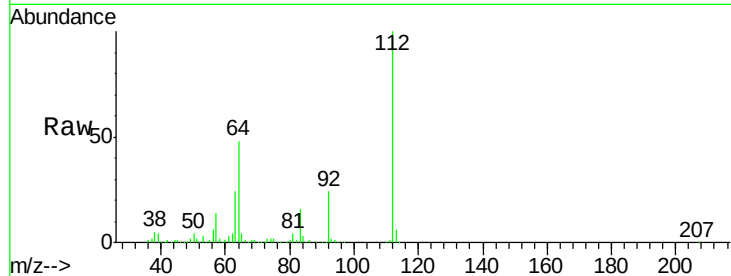
Tgt Ion: 112 Resp: 552320

Ion Ratio Lower Upper

112 100

64 48.2 49.6 74.4#

63 24.0 24.9 37.3#



#6

Aniline

Concen: 6.87 ng

RT: 7.13 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

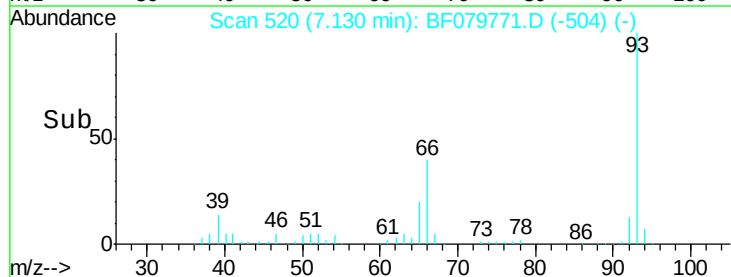
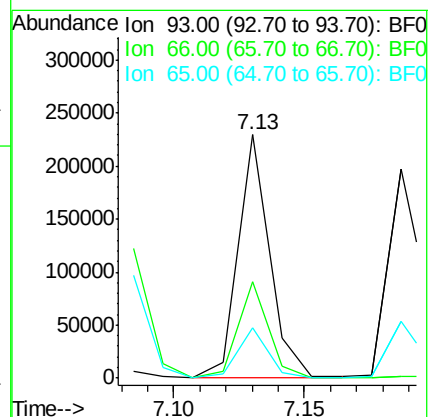
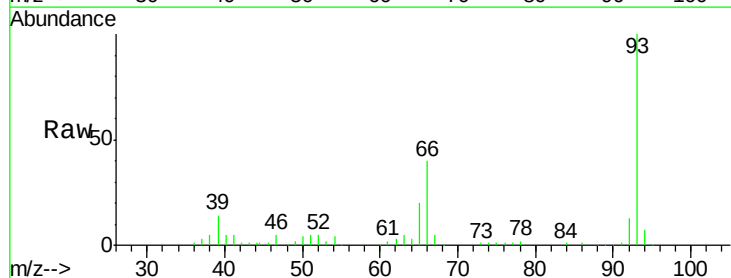
Tgt Ion: 93 Resp: 195843

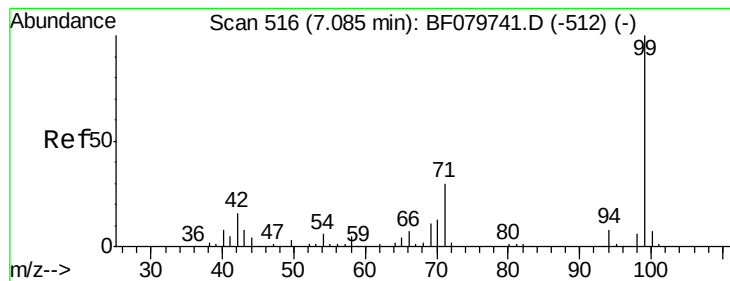
Ion Ratio Lower Upper

93 100

66 39.7 30.3 45.5

65 20.4 15.8 23.6





#7

Phenol-d6

Concen: 35.88 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

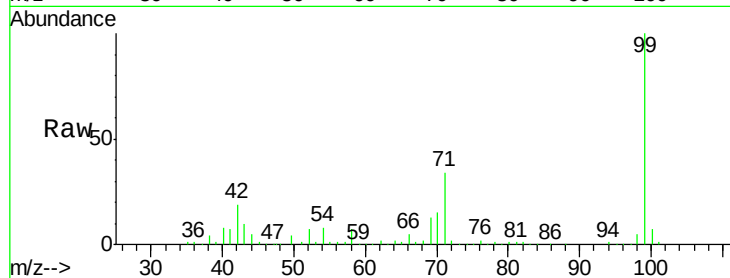
Tgt Ion: 99 Resp: 704995

Ion Ratio Lower Upper

99 100

42 19.3 18.0 27.0

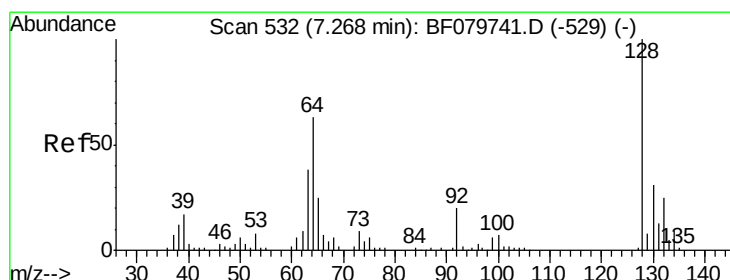
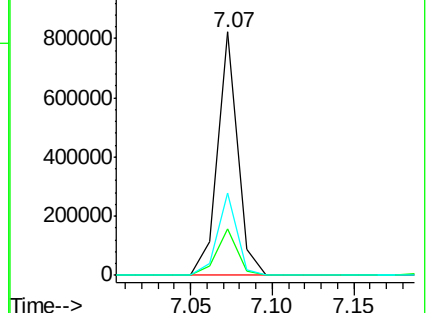
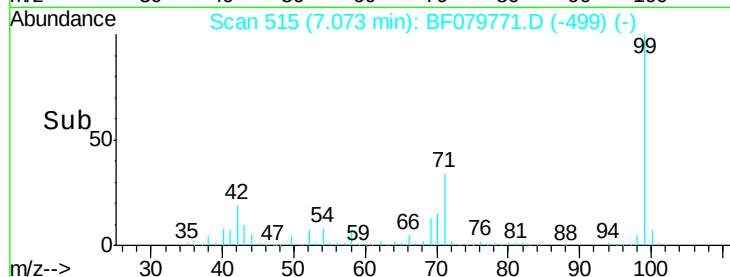
71 33.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF079771.D (-512) (-)

Ion 42.00 (41.70 to 42.70): BF079771.D (-512) (-)

Ion 71.00 (70.70 to 71.70): BF079771.D (-512) (-)



#8

2-Chlorophenol

Concen: 11.25 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

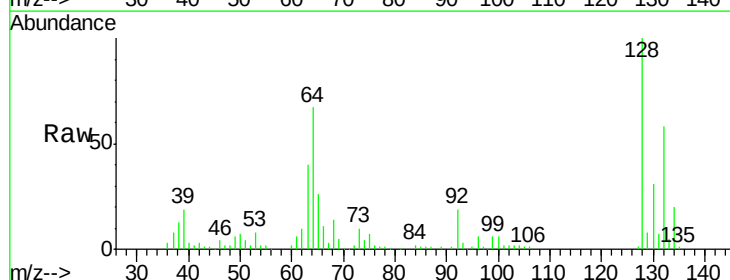
Tgt Ion: 128 Resp: 185189

Ion Ratio Lower Upper

128 100

130 30.9 12.3 52.3

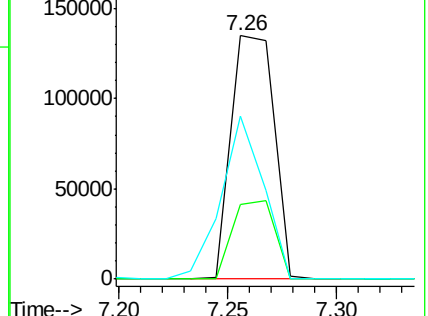
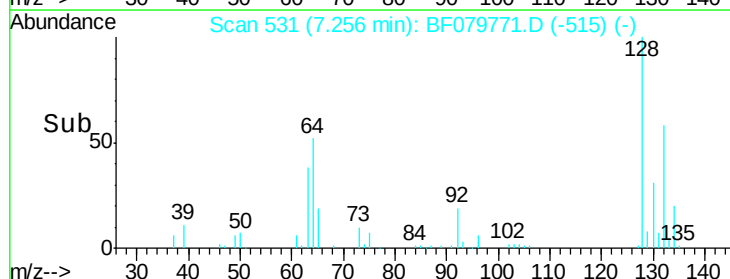
64 67.1 33.3 73.3

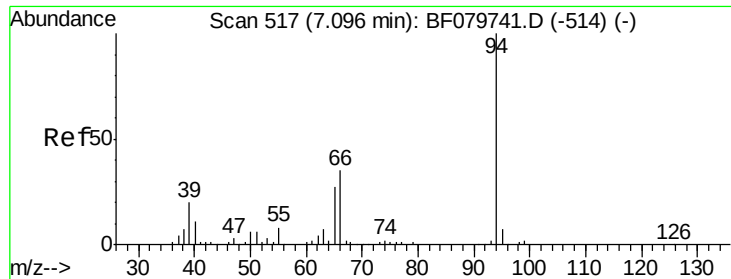


Abundance Ion 128.00 (127.70 to 128.70): BF079771.D (-529) (-)

Ion 130.00 (129.70 to 130.70): BF079771.D (-529) (-)

Ion 64.00 (63.70 to 64.70): BF079771.D (-529) (-)

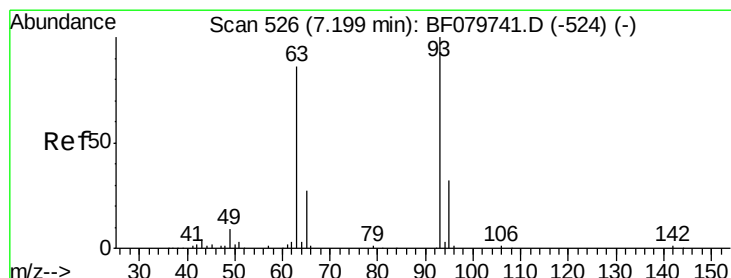
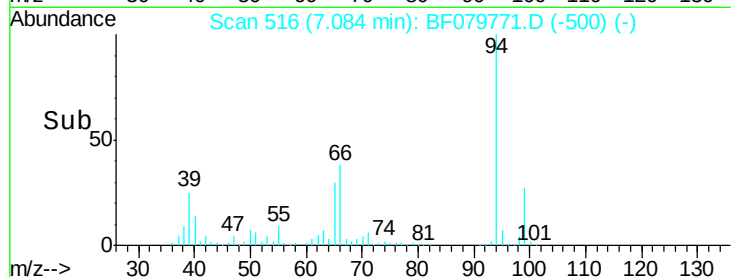
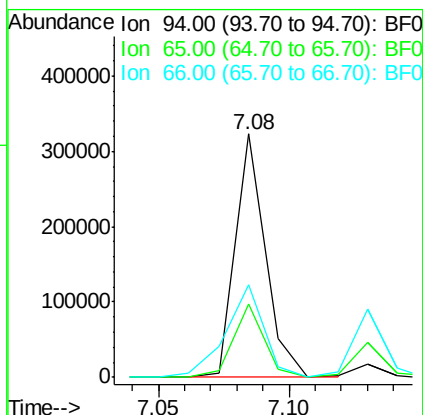
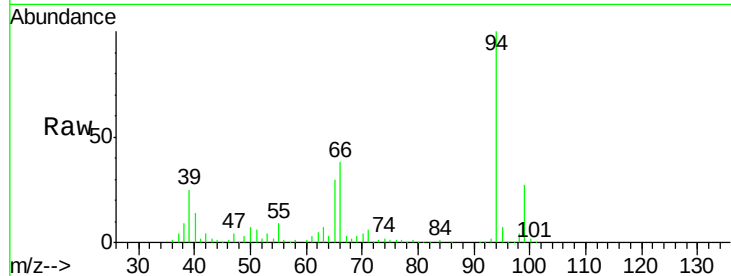




#10  
Phenol  
Concen: 12.28 ng  
RT: 7.08 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

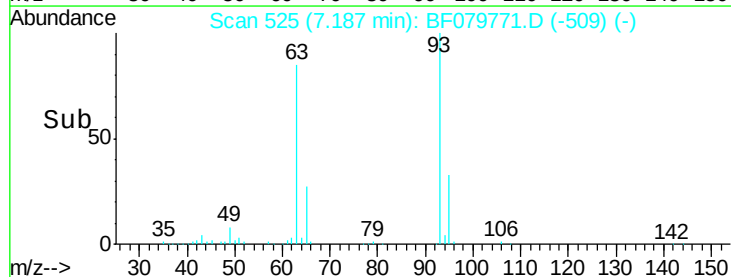
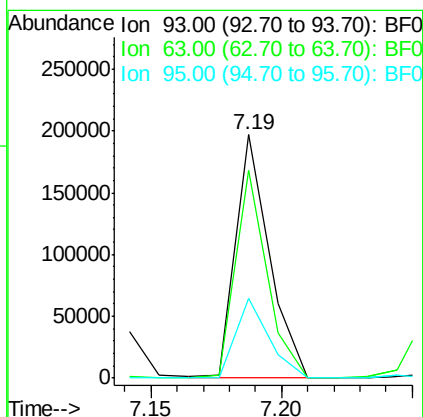
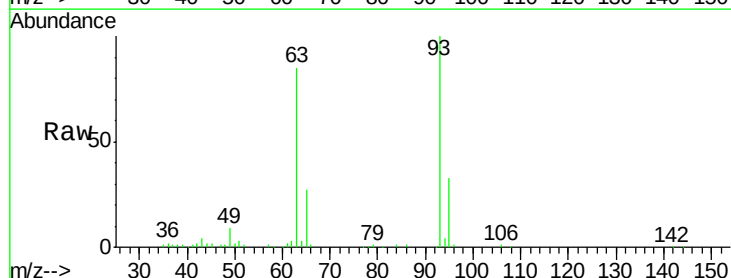
Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion: 94 Resp: 262519  
Ion Ratio Lower Upper  
94 100  
65 30.2 5.3 45.3  
66 37.8 11.3 51.3

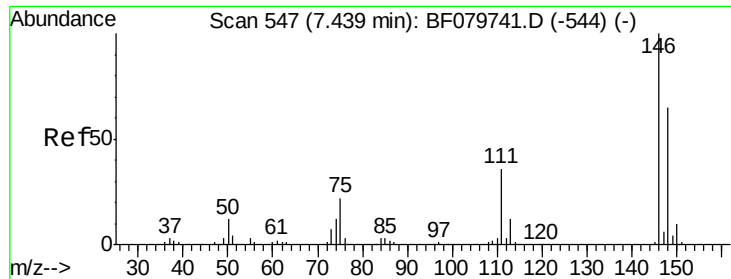


#11  
bis(2-Chloroethyl)ether  
Concen: 10.71 ng  
RT: 7.19 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 93 Resp: 177646  
Ion Ratio Lower Upper  
93 100  
63 85.3 58.7 98.7  
95 32.8 12.9 52.9







#12

1,3-Dichlorobenzene

Concen: 11.45 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

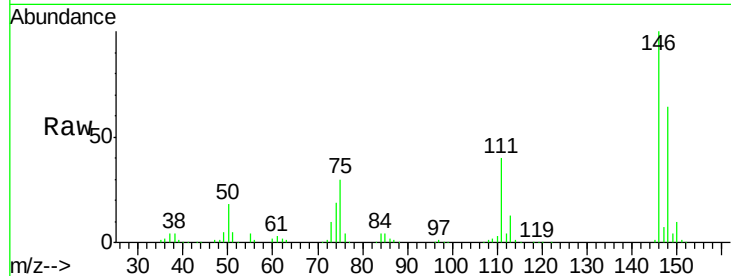
Tgt Ion:146 Resp: 236043

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

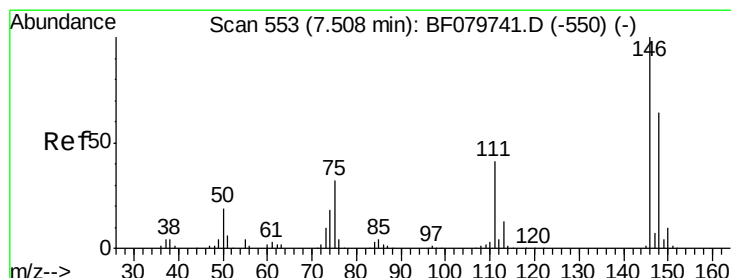
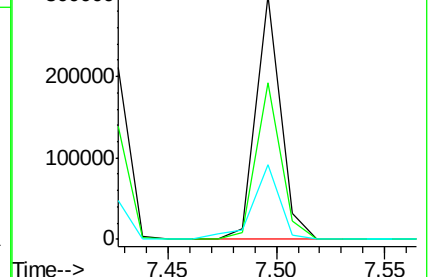
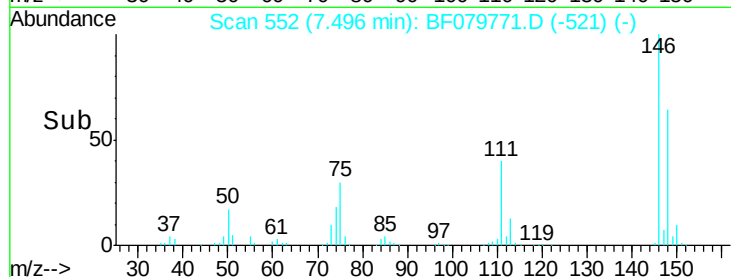
75 30.5 29.0 43.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 10.20 ng

RT: 7.66 min Scan# 566

Delta R.T. 0.15 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

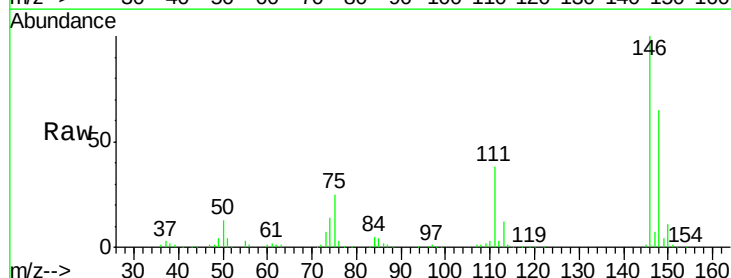
Tgt Ion:146 Resp: 223094

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

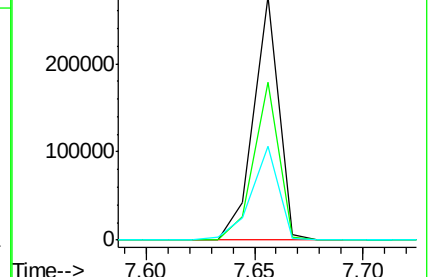
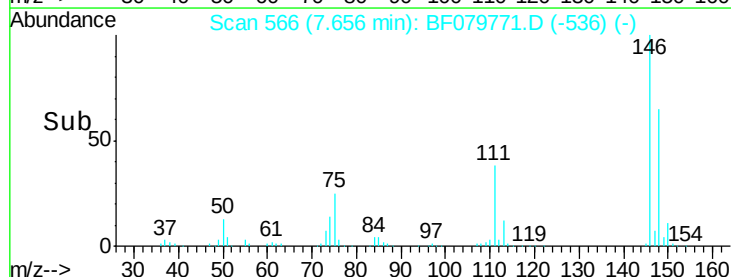
111 38.4 30.1 45.1

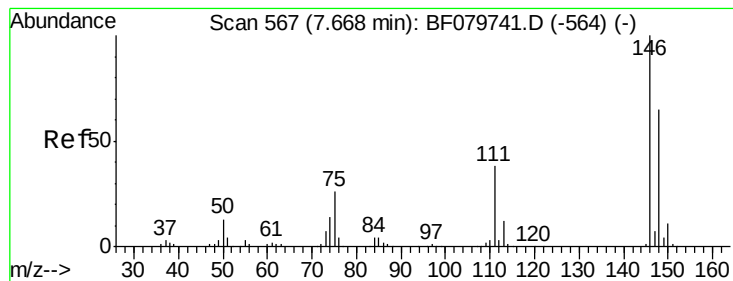


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

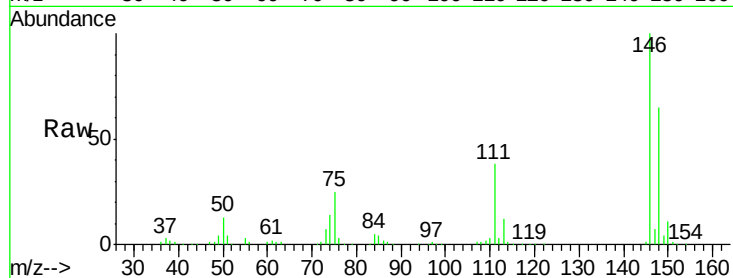




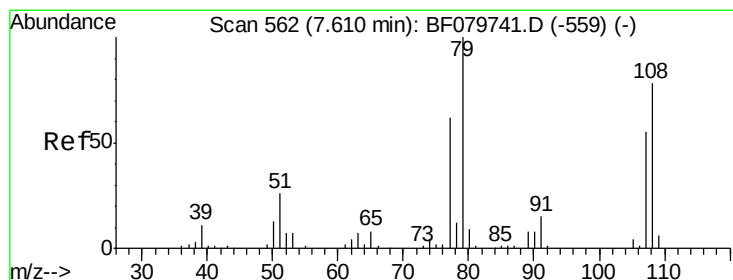
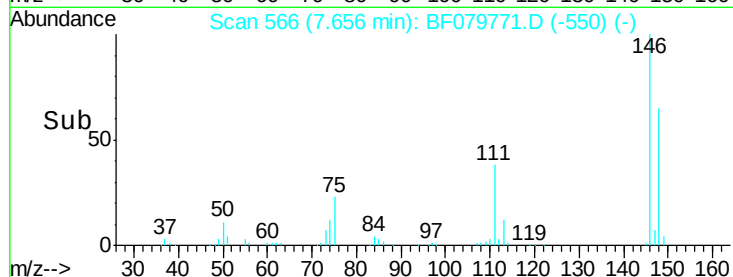
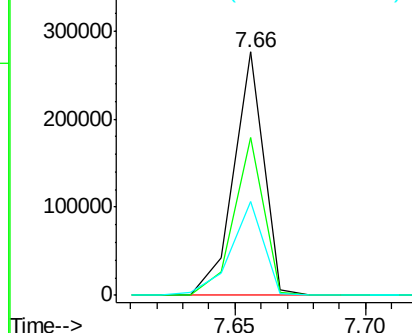
#14  
1,2-Dichlorobenzene  
Concen: 10.92 ng  
RT: 7.66 min Scan# 566  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion: 146 Resp: 223083  
Ion Ratio Lower Upper  
146 100  
148 65.0 52.2 78.4  
111 38.4 27.9 41.9

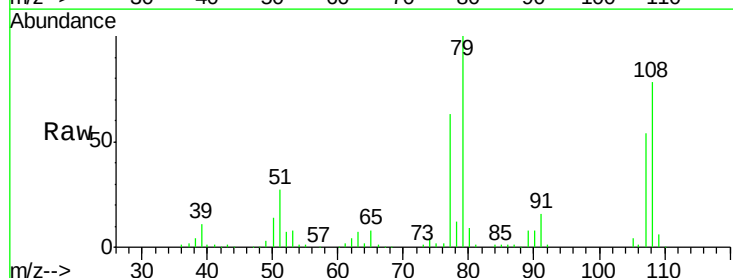


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

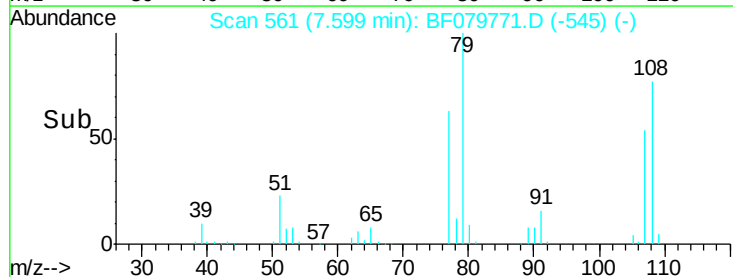
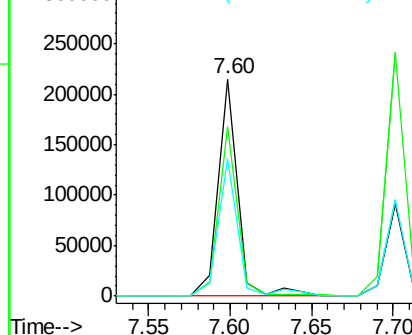


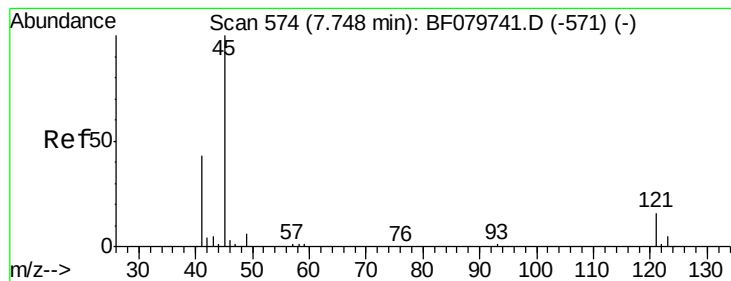
#15  
Benzyl Alcohol  
Concen: 11.13 ng  
RT: 7.60 min Scan# 561  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 79 Resp: 180639  
Ion Ratio Lower Upper  
79 100  
108 77.6 68.4 102.6  
77 63.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0

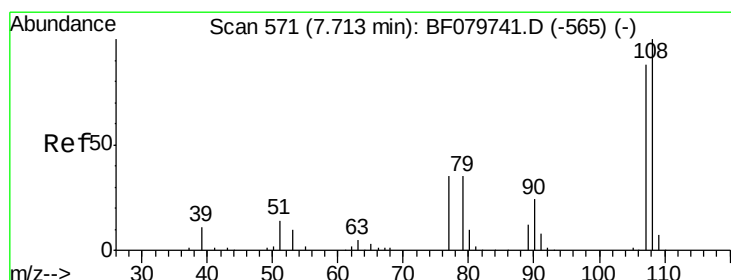
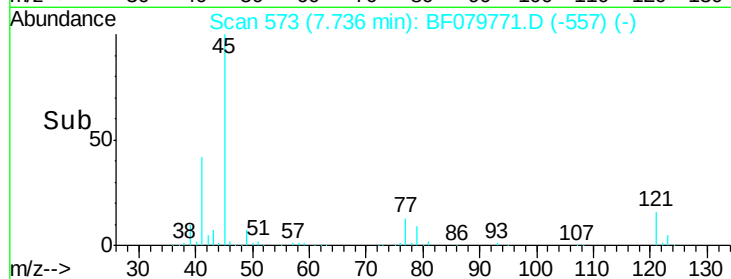
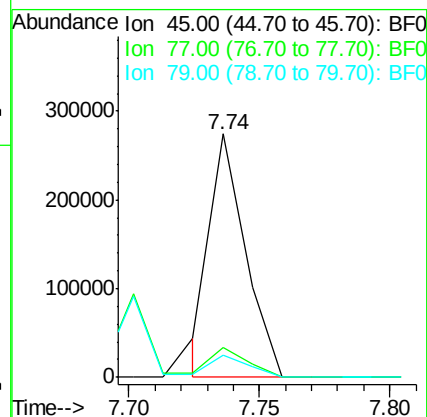
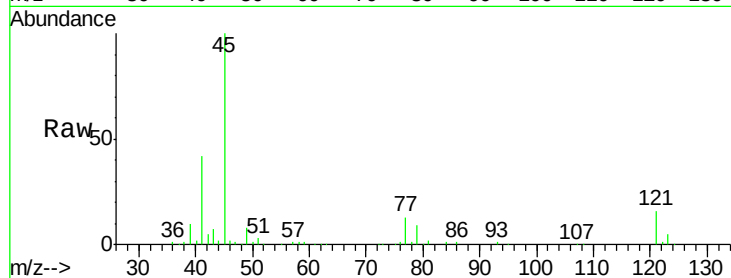




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.30 ng  
RT: 7.74 min Scan# 573  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

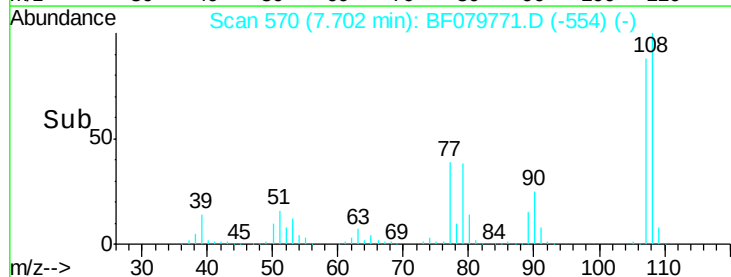
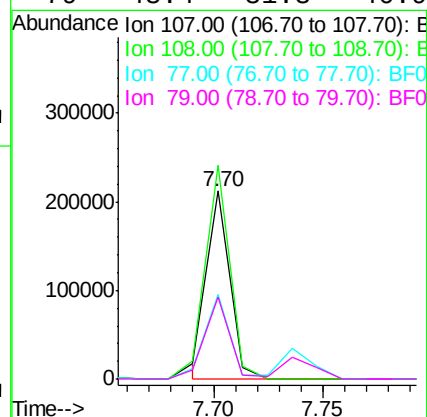
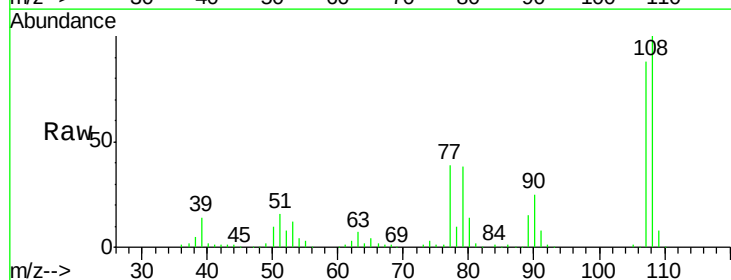
Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

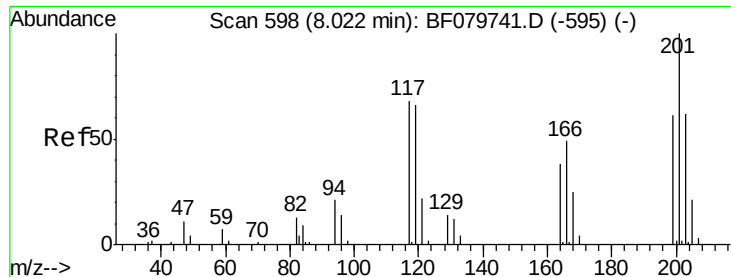
Tgt Ion: 45 Resp: 258240  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 32.7  
79 9.1 0.0 29.9



#17  
2-Methylphenol  
Concen: 10.07 ng  
RT: 7.70 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 107 Resp: 154721  
Ion Ratio Lower Upper  
107 100  
108 113.9 91.8 137.8  
77 44.8 31.4 47.2  
79 43.4 31.3 46.9

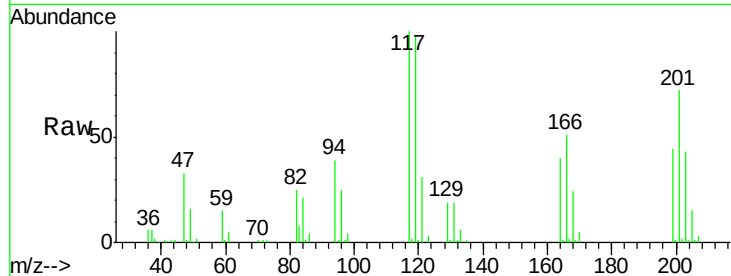




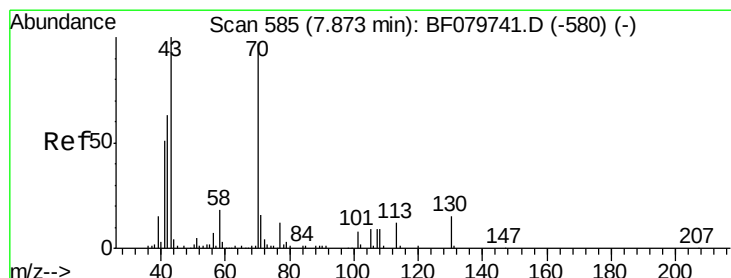
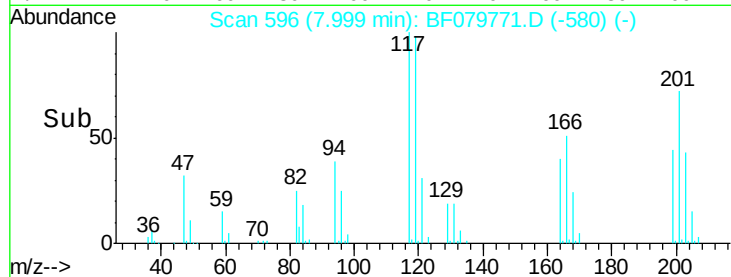
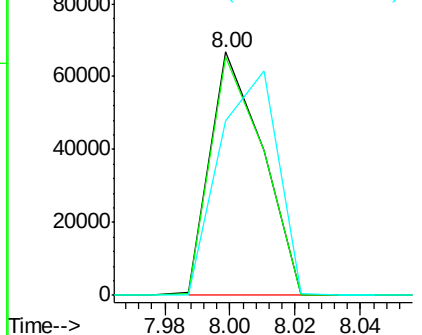
#18  
Hexachloroethane  
Concen: 11.50 ng  
RT: 8.00 min Scan# 596  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion: 117 Resp: 73106  
Ion Ratio Lower Upper  
117 100  
119 98.1 75.5 113.3  
201 71.5 66.4 99.6

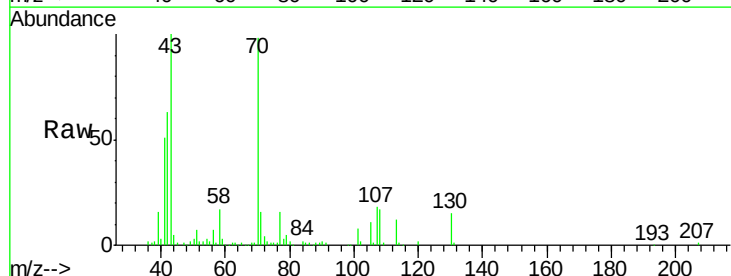


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

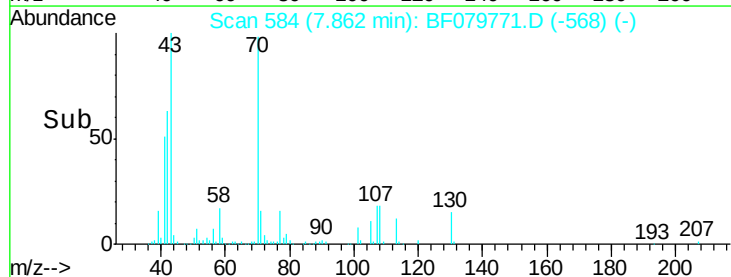
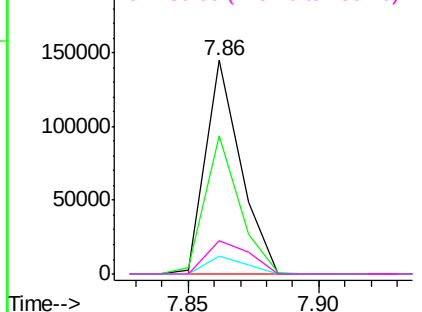


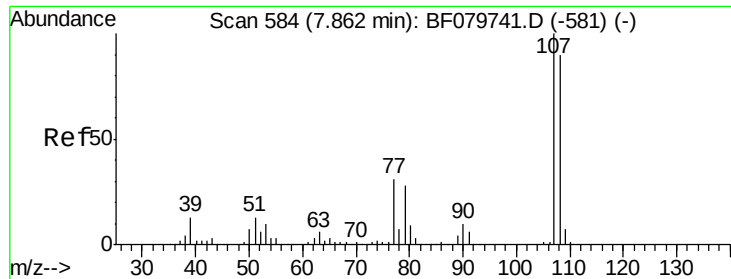
#19  
n-Nitroso-di-n-propylamine  
Concen: 9.74 ng  
RT: 7.86 min Scan# 584  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 70 Resp: 132774  
Ion Ratio Lower Upper  
70 100  
42 64.5 51.1 76.7  
101 8.3 7.0 10.6  
130 15.6 13.3 19.9



Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

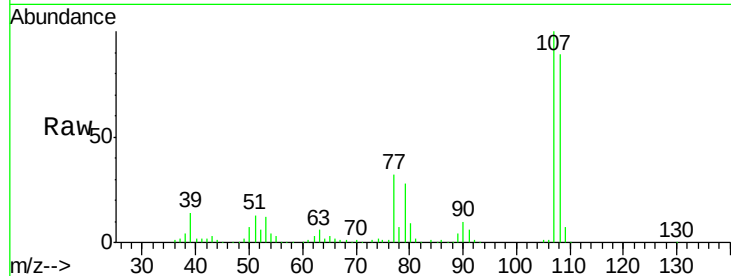




#20  
 3+4-Methylphenols  
 Concen: 10.44 ng  
 RT: 7.85 min Scan# 583  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 204336 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.2  | 75.2  | 115.2  |
| 77       | 31.8  | 10.3  | 50.3   |
| 79       | 28.2  | 9.3   | 49.3   |



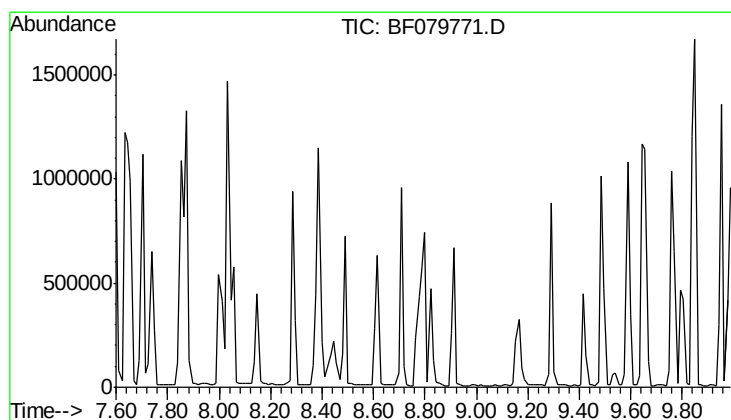
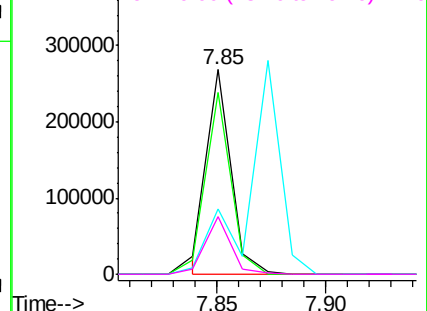
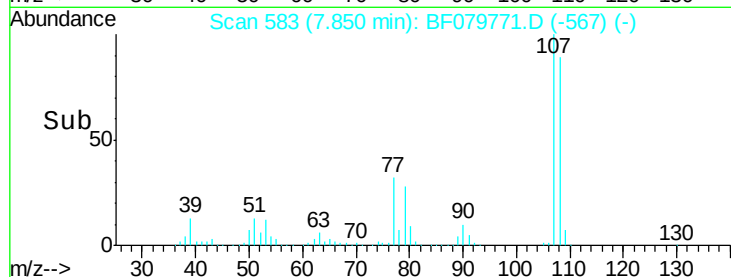
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

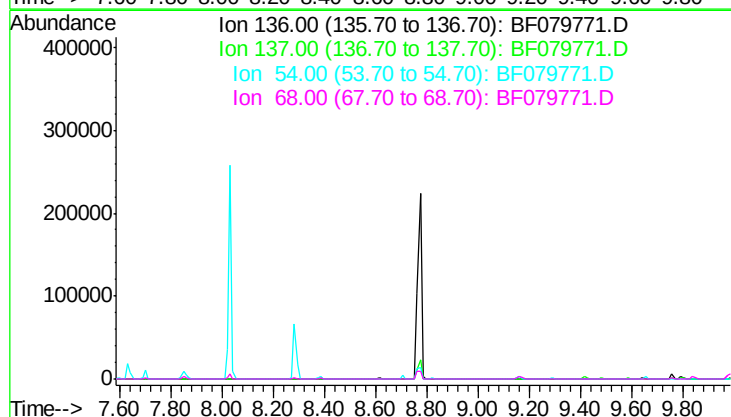
Ion 79.00 (78.70 to 79.70): BF0

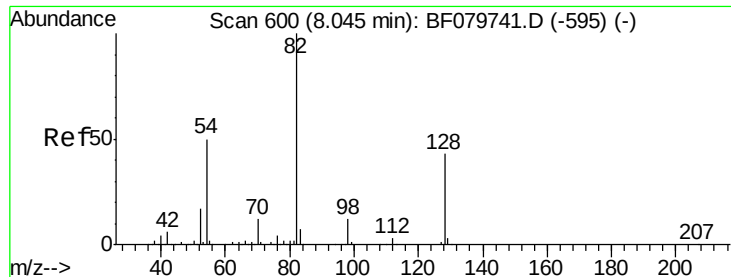


#21  
 Naphthalene-d8  
 Concen: 0.00 ng  
 Expected RT: 8.79 min

Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

|          |           |
|----------|-----------|
| Tgt Ion: | 136       |
| Sig      | Exp Ratio |
| 136      | 100       |
| 137      | 11.0      |
| 54       | 10.9      |
| 68       | 7.3       |

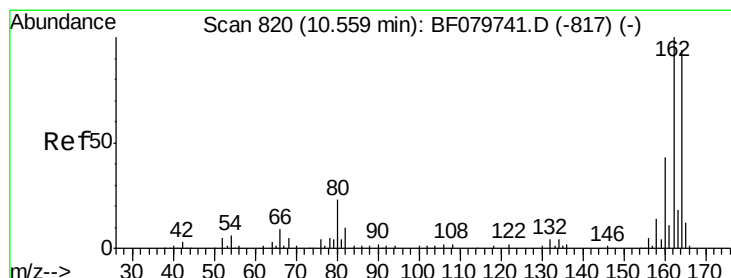
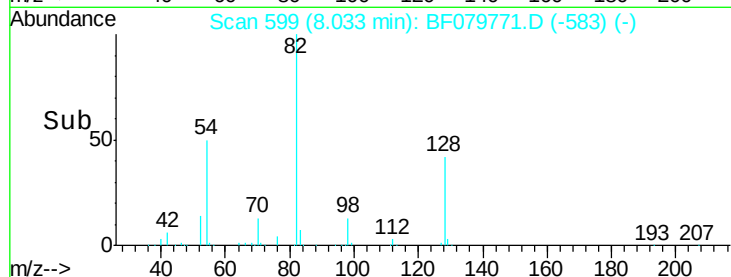
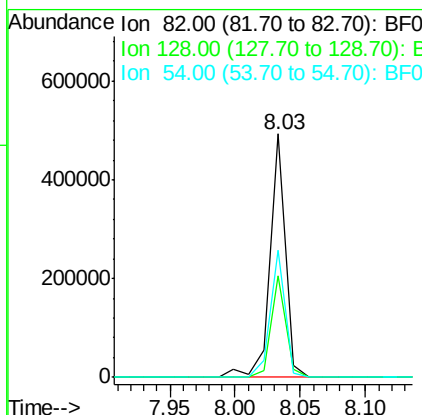
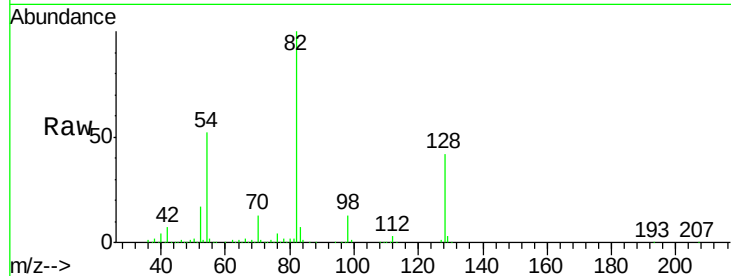




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 RT: 8.03 min Scan# 599  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

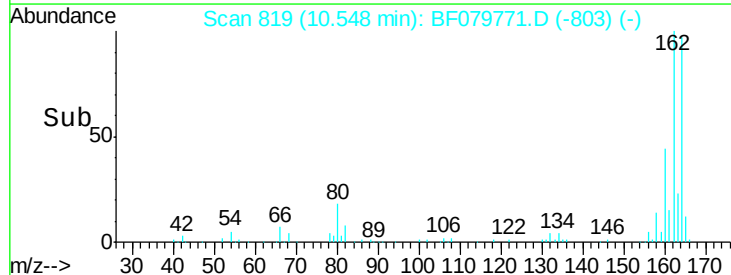
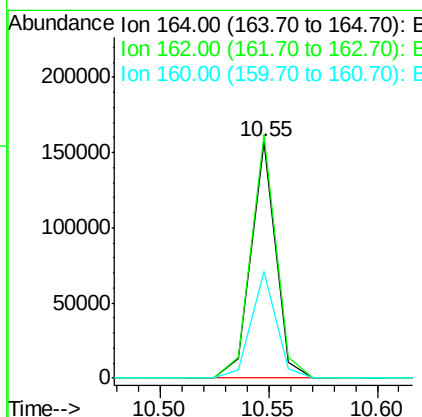
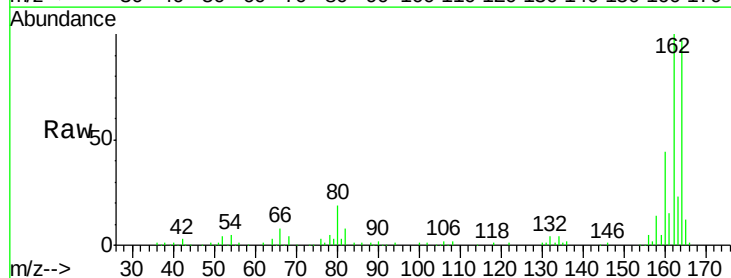
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

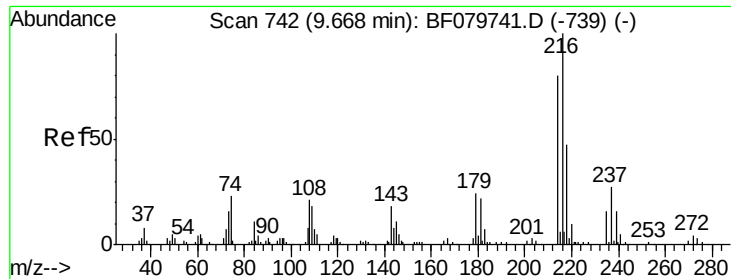
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.0  | 37.6  | 56.4  |
| 54      | 52.3  | 39.4  | 59.2  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.55 min Scan# 819  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 82.6  | 123.8 |
| 160     | 45.2  | 36.8  | 55.2  |

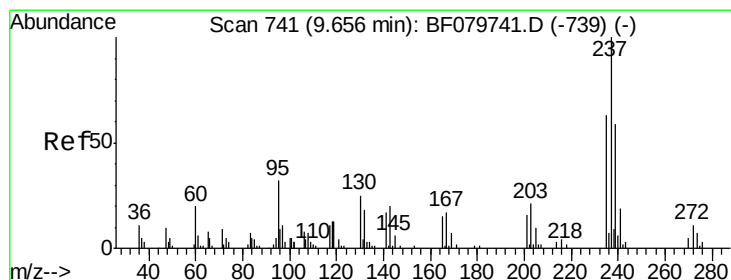
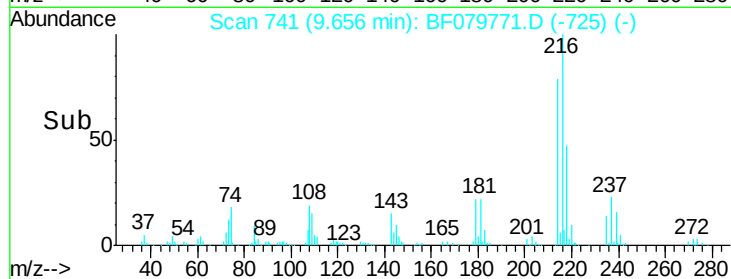
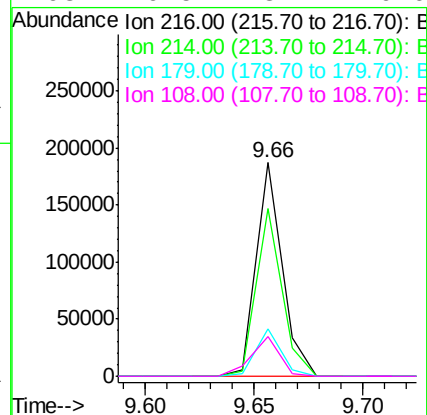
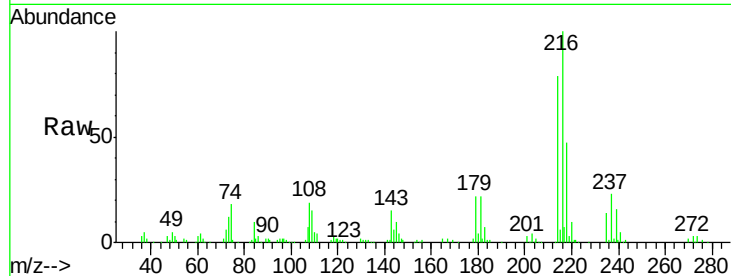




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.01 ng  
 RT: 9.66 min Scan# 741  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

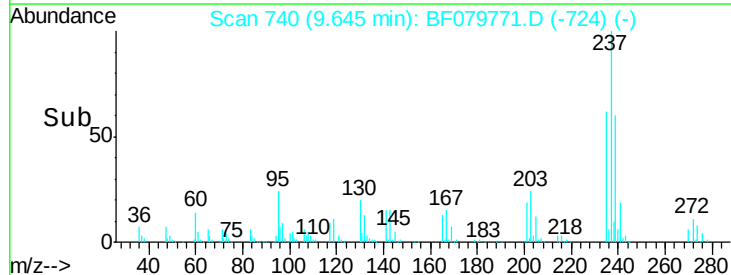
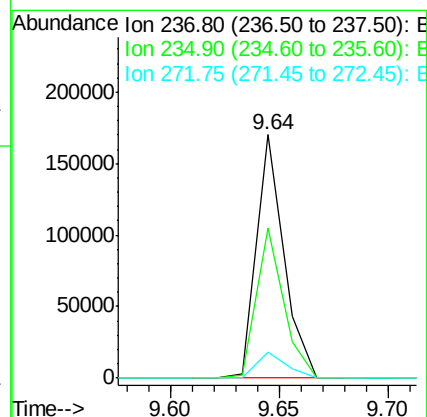
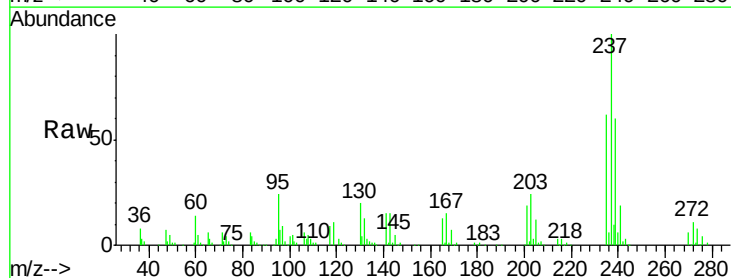
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

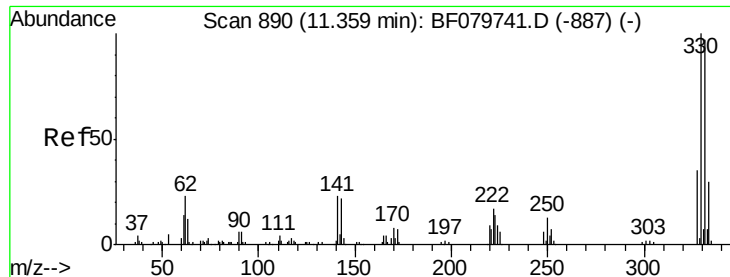
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 154705 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.0  | 62.2  | 93.4   |
| 179      | 21.6  | 16.6  | 24.8   |
| 108      | 20.5  | 13.4  | 20.0#  |



#40  
 Hexachlorocyclopentadiene  
 Concen: 89.12 ng  
 RT: 9.64 min Scan# 740  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 148156 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.7  | 41.9  | 81.9   |
| 272      | 10.6  | 0.0   | 32.1   |

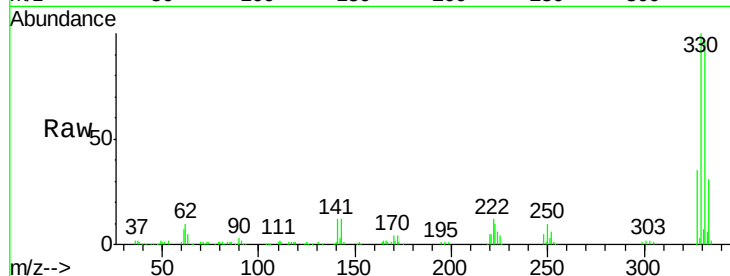




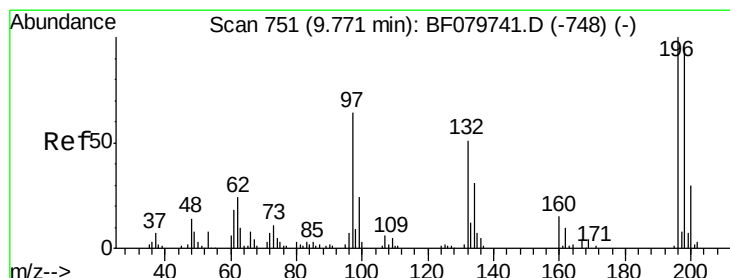
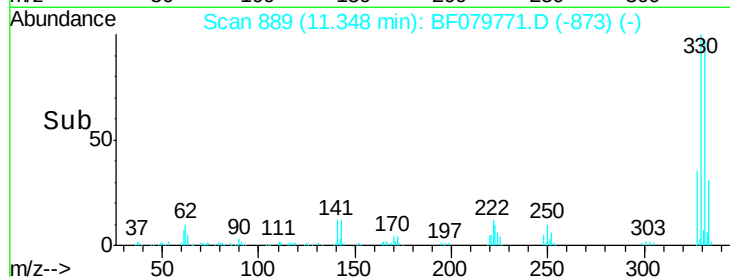
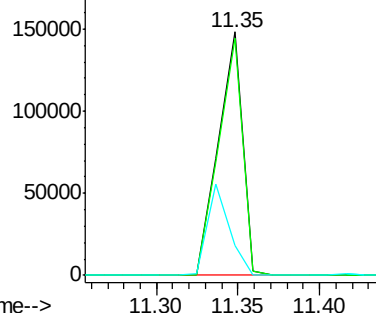
#41  
 2,4,6-Tribromophenol  
 Concen: 128.54 ng  
 RT: 11.35 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

Tgt Ion:330 Resp: 152631  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 77.4 116.0  
 141 33.9 30.2 45.2

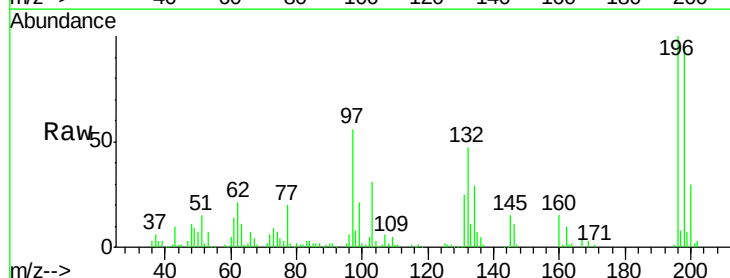


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

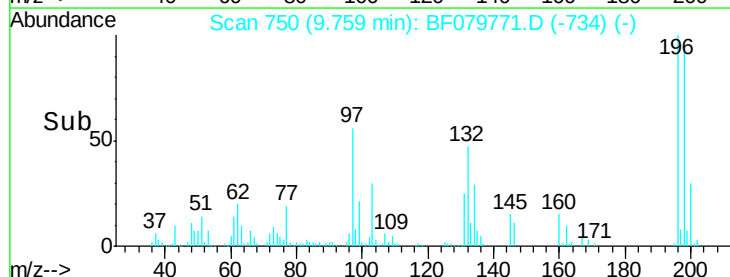
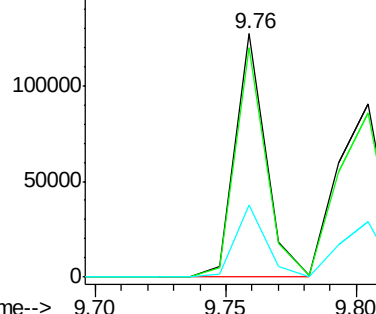


#42  
 2,4,6-Trichlorophenol  
 Concen: 40.47 ng  
 RT: 9.76 min Scan# 750  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

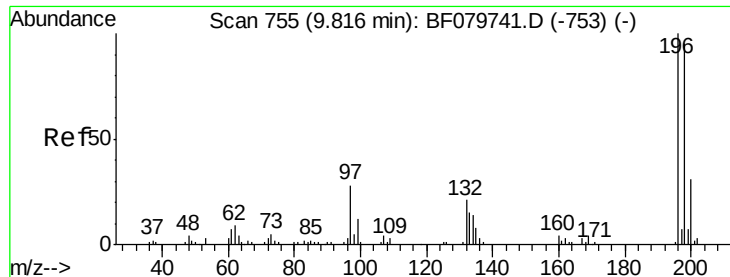
Tgt Ion:196 Resp: 104091  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 76.8 115.2  
 200 29.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



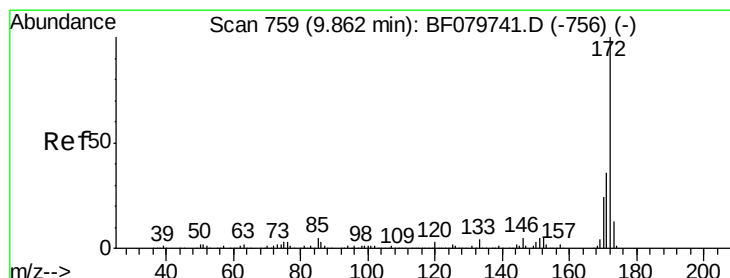
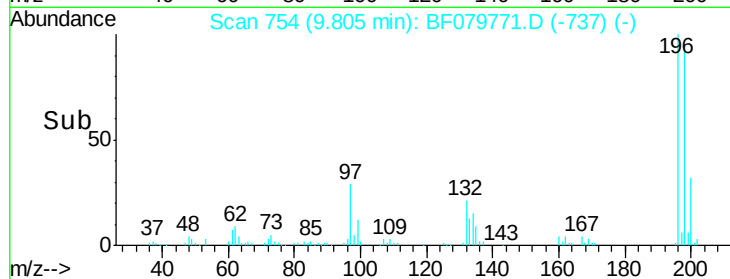
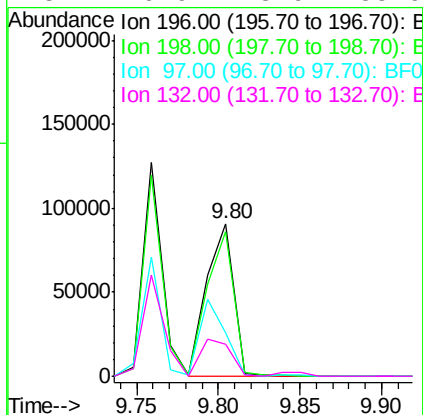
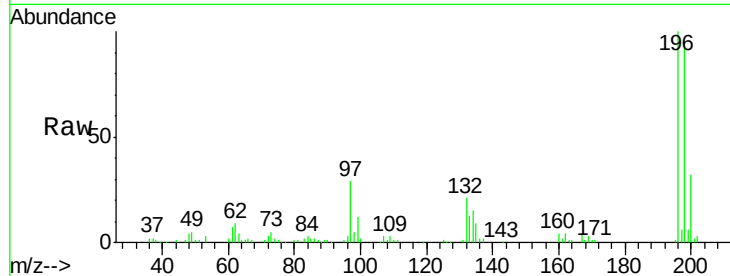




#43  
 2,4,5-Trichlorophenol  
 Concen: 38.97 ng  
 RT: 9.80 min Scan# 754  
 Delta R.T. -0.00 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

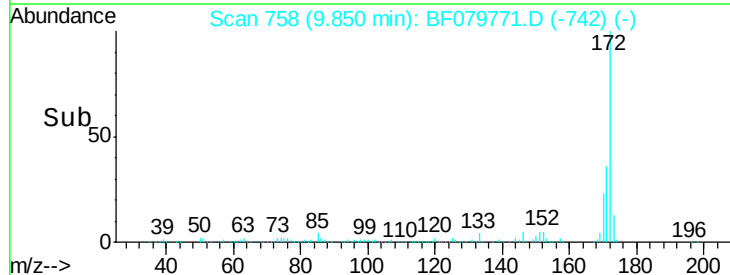
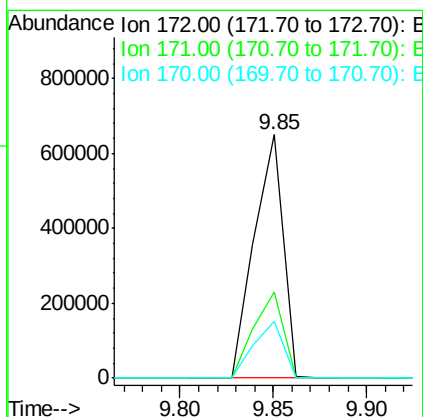
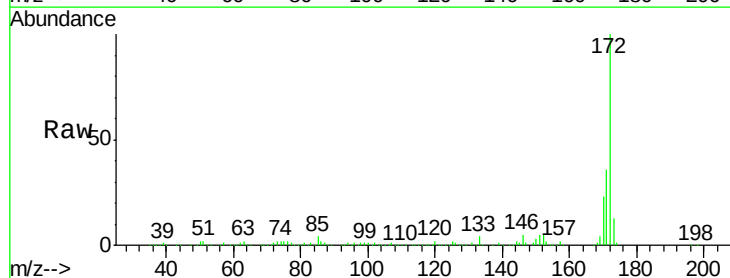
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

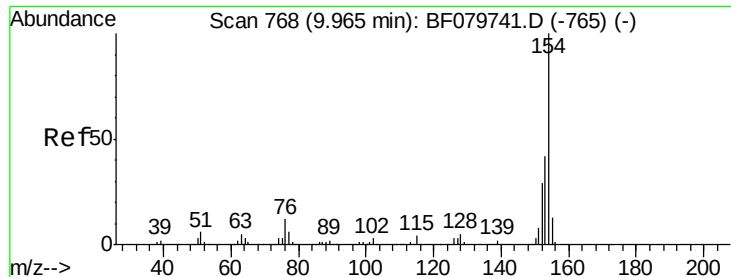
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 76.9  | 115.3 |
| 97      | 28.9  | 38.9  | 58.3# |
| 132     | 20.9  | 23.9  | 35.9# |



#44  
 2-Fluorobiphenyl  
 Concen: 75.71 ng  
 RT: 9.85 min Scan# 758  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.4  | 44.0  |
| 170     | 23.5  | 19.7  | 29.5  |





#45

1,1'-Biphenyl

Concen: 38.37 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

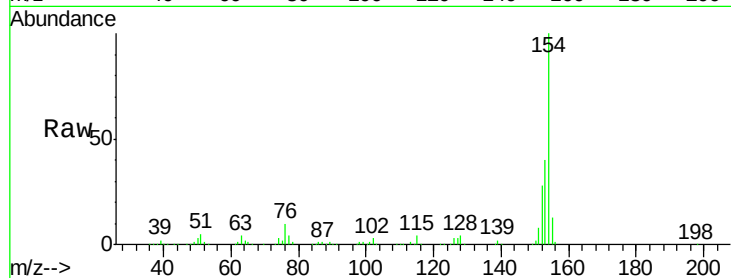
Tgt Ion:154 Resp: 414445

Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

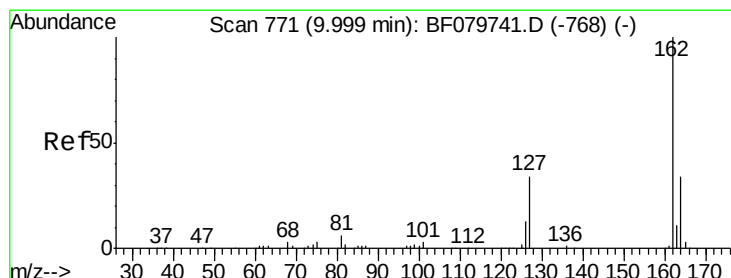
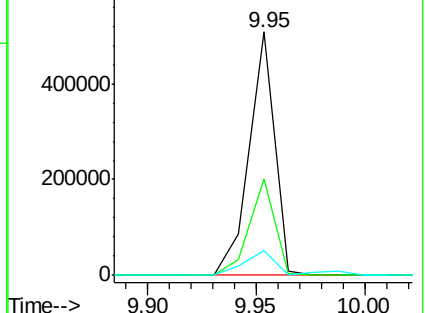
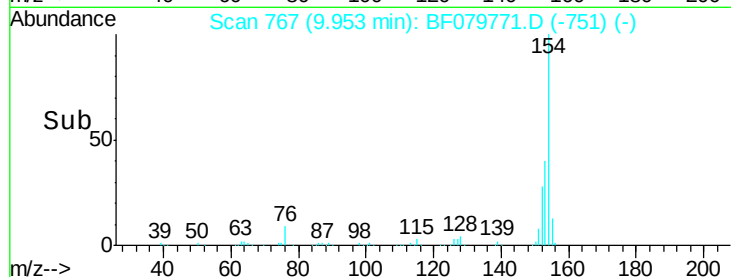
76 10.4 0.0 28.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.64 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

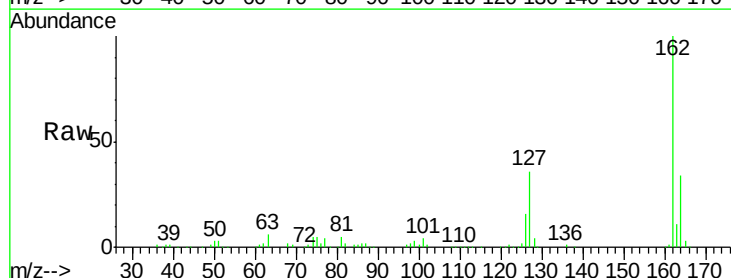
Tgt Ion:162 Resp: 314266

Ion Ratio Lower Upper

162 100

127 35.9 35.4 53.2

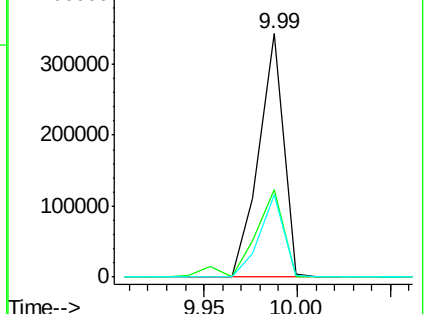
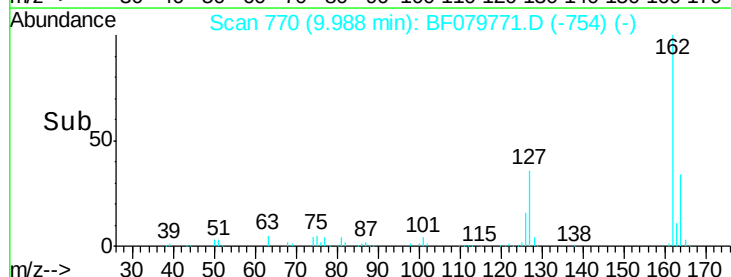
164 33.8 26.3 39.5

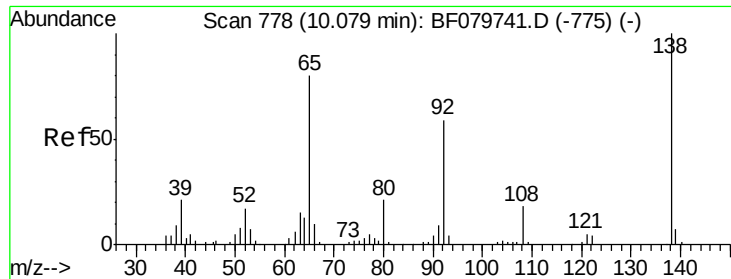


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

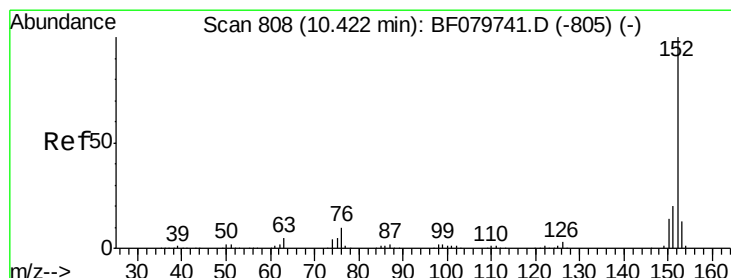
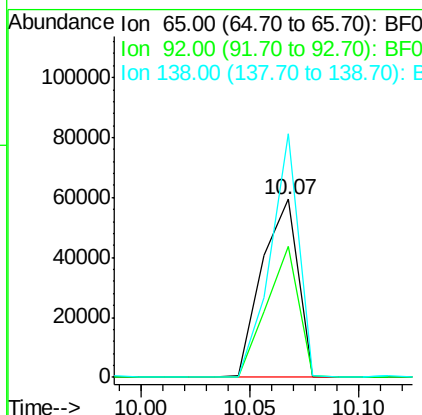
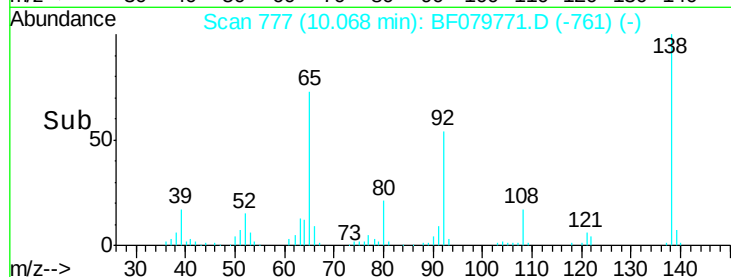
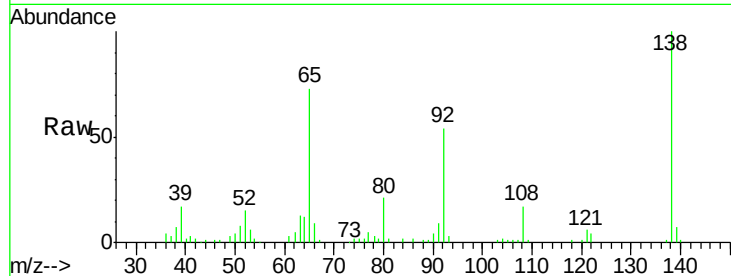




#47  
2-Nitroaniline  
Concen: 37.37 ng  
RT: 10.07 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

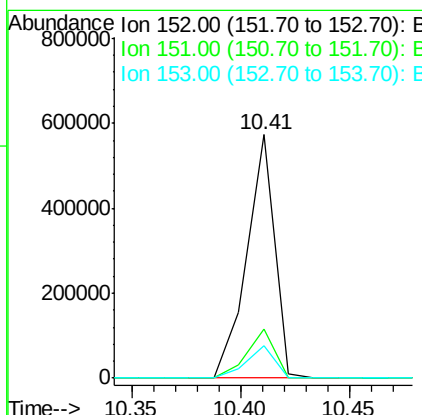
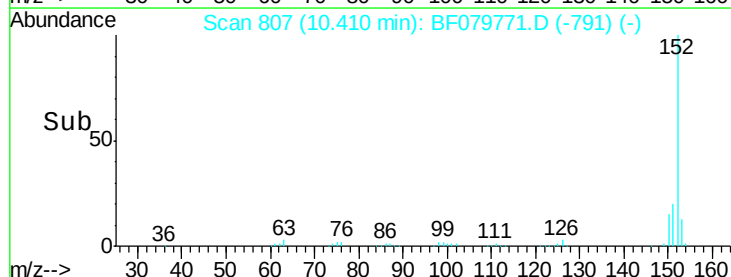
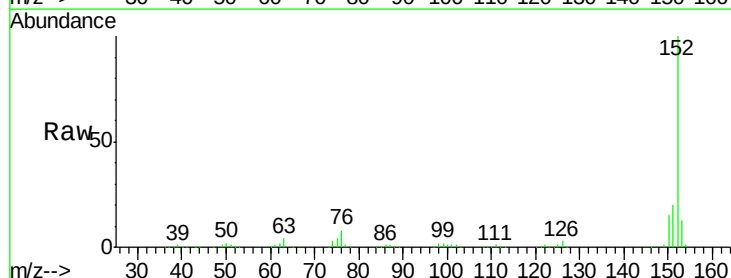
Instrument :  
BNA\_F  
ClientSampled :  
PB83804BS

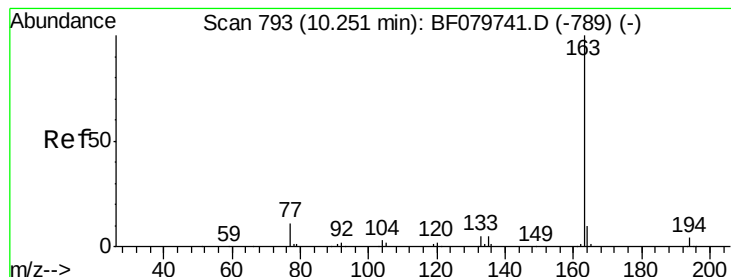
Tgt Ion: 65 Resp: 69127  
Ion Ratio Lower Upper  
65 100  
92 73.4 49.0 73.6  
138 136.8 67.7 101.5#



#48  
Acenaphthylene  
Concen: 34.77 ng  
RT: 10.41 min Scan# 807  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 152 Resp: 507007  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 36.05 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

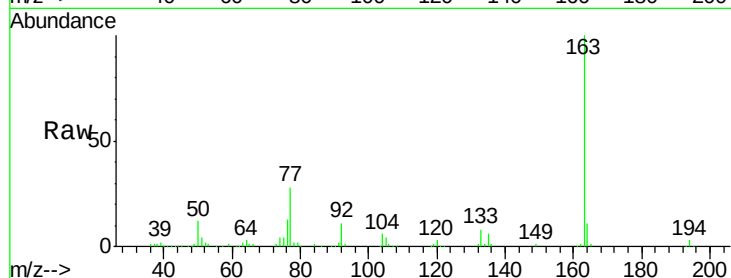
Tgt Ion:163 Resp: 344811

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

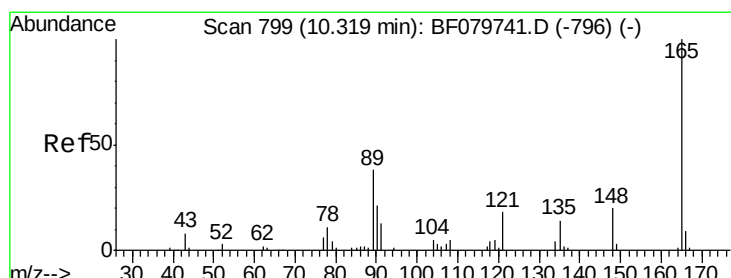
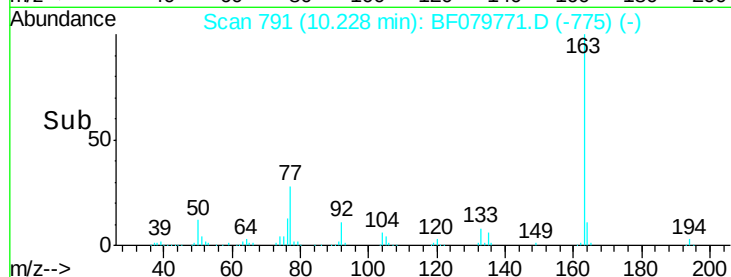
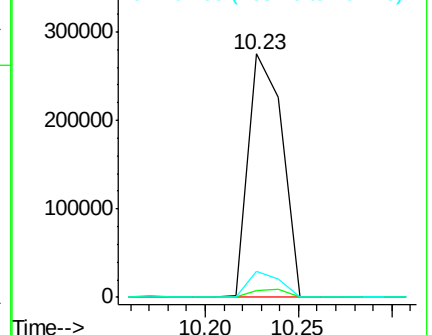
164 10.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.48 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

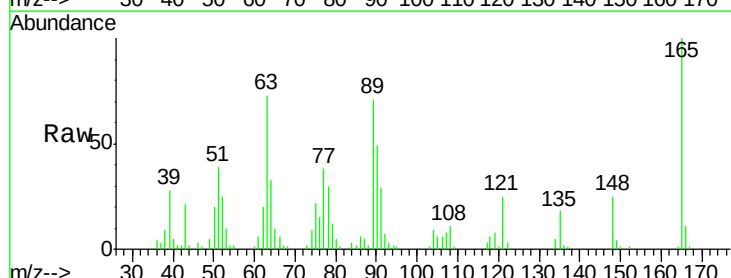
Tgt Ion:165 Resp: 61730

Ion Ratio Lower Upper

165 100

63 72.7 45.2 67.8#

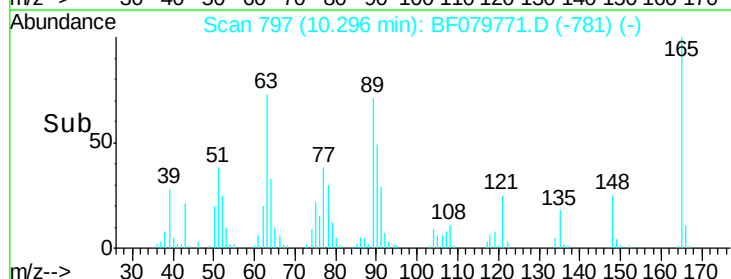
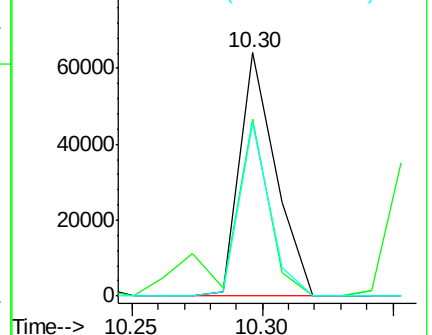
89 71.0 45.9 68.9#

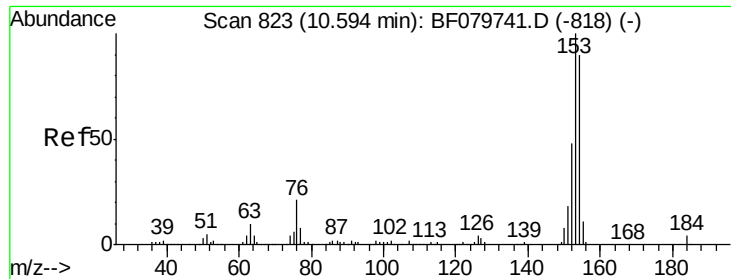


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.87 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

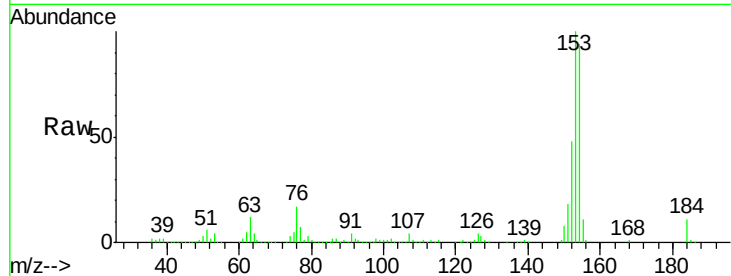
Tgt Ion:154 Resp: 312692

Ion Ratio Lower Upper

154 100

153 106.3 90.1 135.1

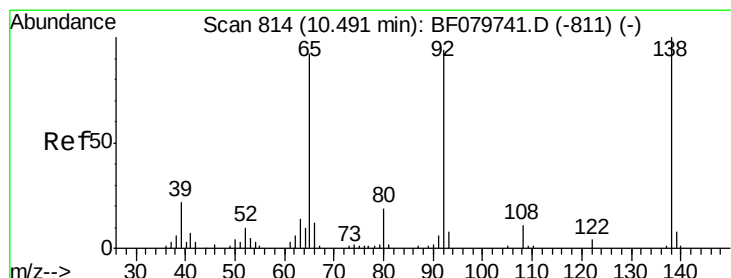
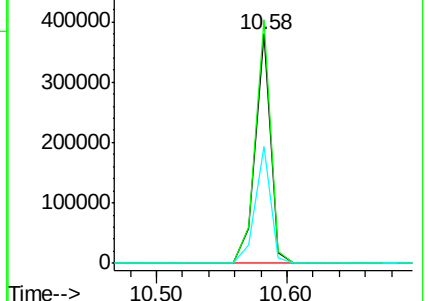
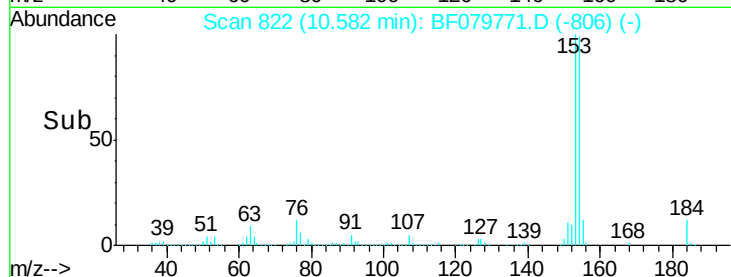
152 51.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.58 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

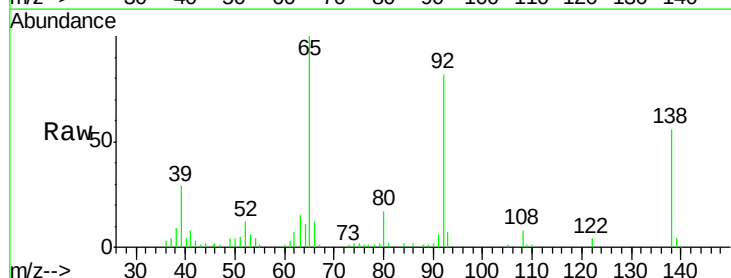
Tgt Ion:138 Resp: 53695

Ion Ratio Lower Upper

138 100

108 14.5 8.9 13.3#

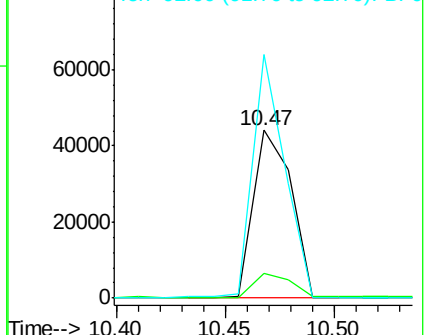
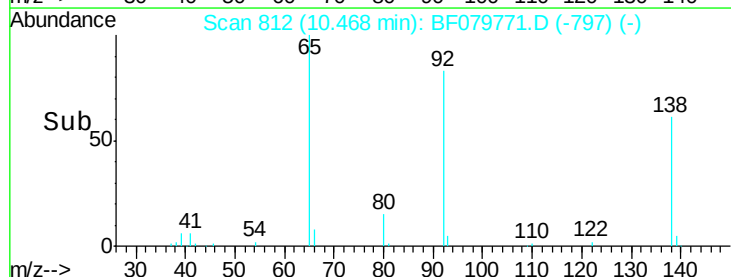
92 145.2 99.0 148.4

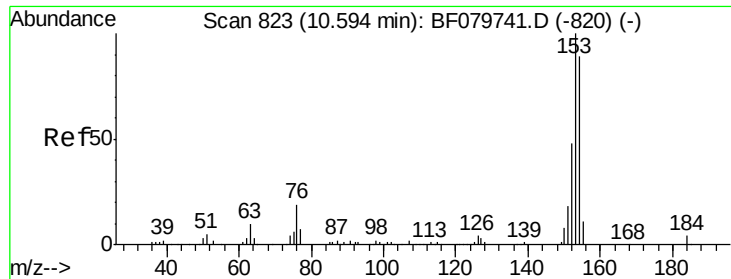


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

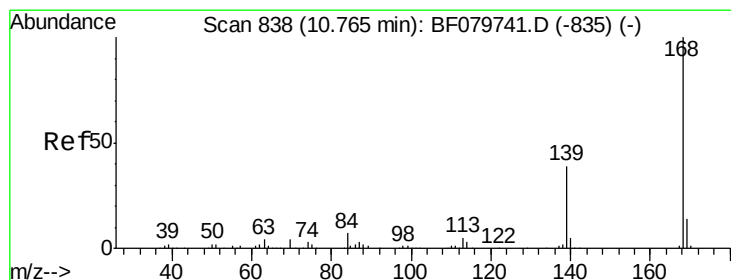
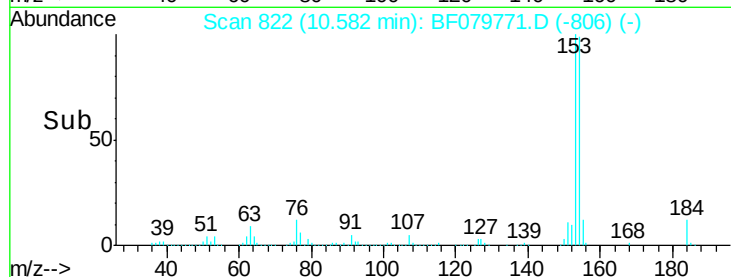
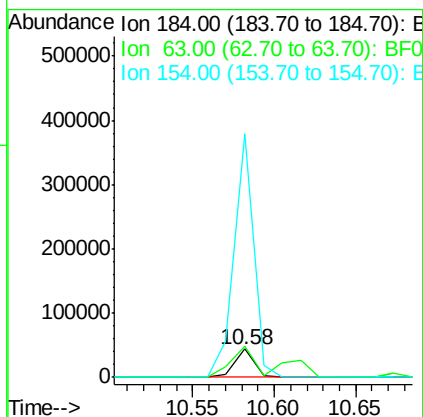
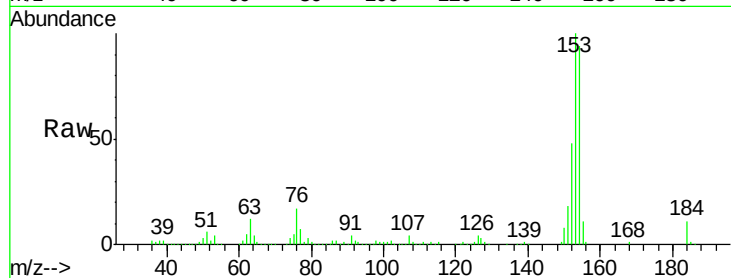




#53  
2,4-Dinitrophenol  
Concen: 73.10 ng  
RT: 10.58 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

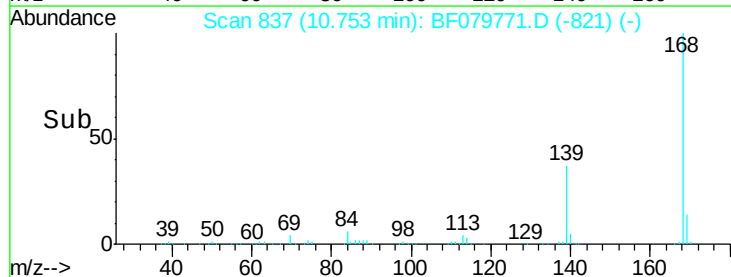
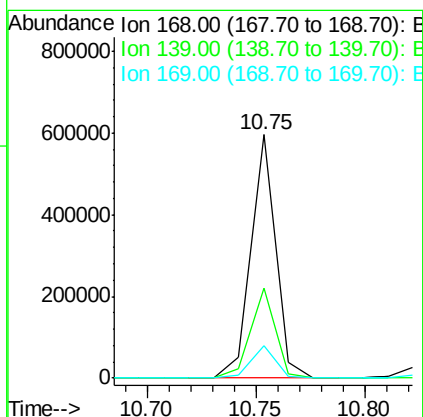
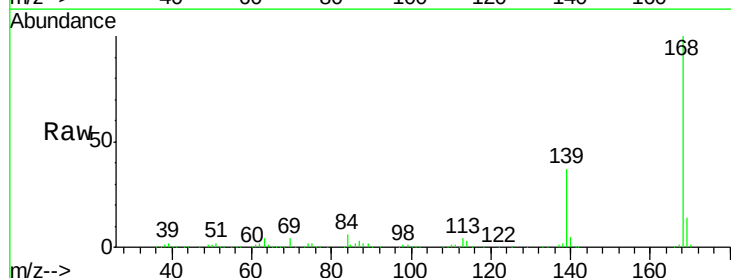
Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

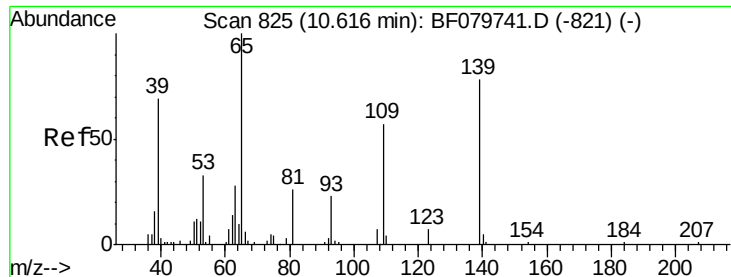
Tgt Ion:184 Resp: 36879  
Ion Ratio Lower Upper  
184 100  
63 109.1 146.9 220.3#  
154 858.0 653.8 980.8



#54  
Dibenzofuran  
Concen: 40.15 ng  
RT: 10.75 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion:168 Resp: 469560  
Ion Ratio Lower Upper  
168 100  
139 36.8 27.7 41.5  
169 13.5 11.0 16.4





#55

4-Nitrophenol

Concen: 86.80 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

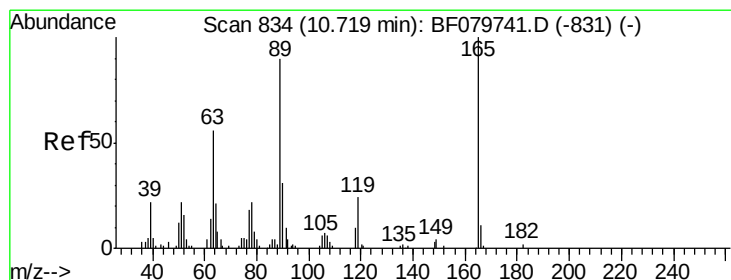
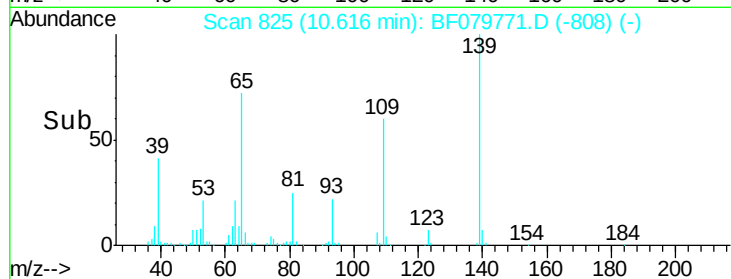
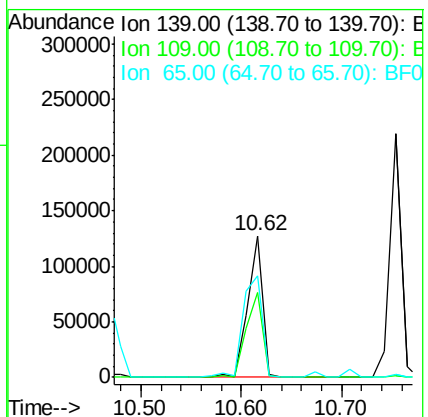
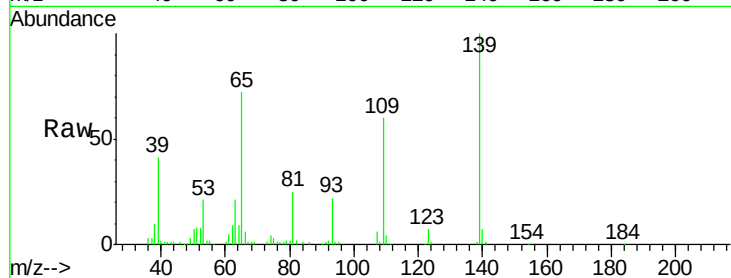
Tgt Ion:139 Resp: 130953

Ion Ratio Lower Upper

139 100

109 60.4 44.2 84.2

65 71.9 72.3 112.3#



#56

2,4-Dinitrotoluene

Concen: 45.02 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Tgt Ion:165 Resp: 84356

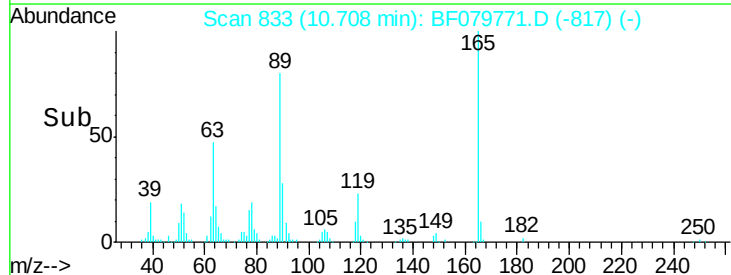
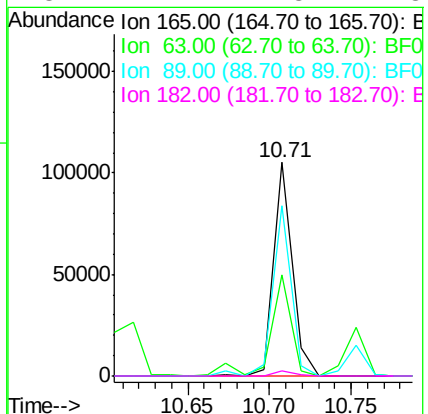
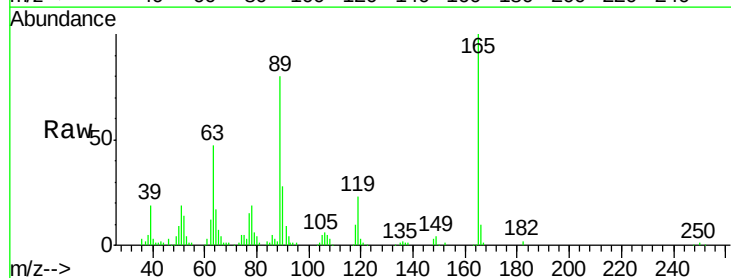
Ion Ratio Lower Upper

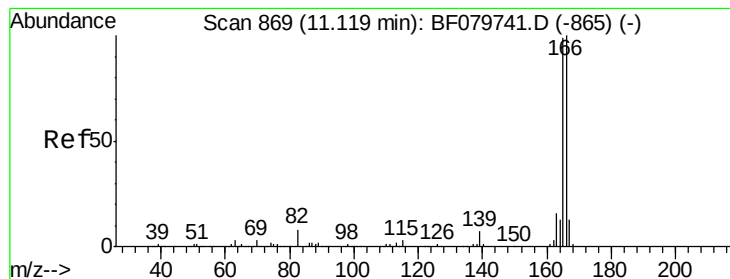
165 100

63 47.1 24.7 37.1#

89 79.7 45.7 68.5#

182 2.2 1.8 2.8





#57

Fluorene

Concen: 34.67 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

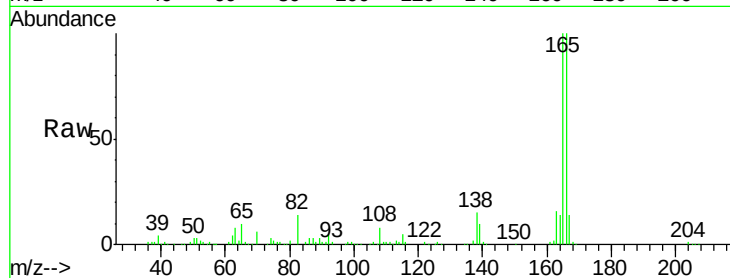
Tgt Ion:166 Resp: 350935

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

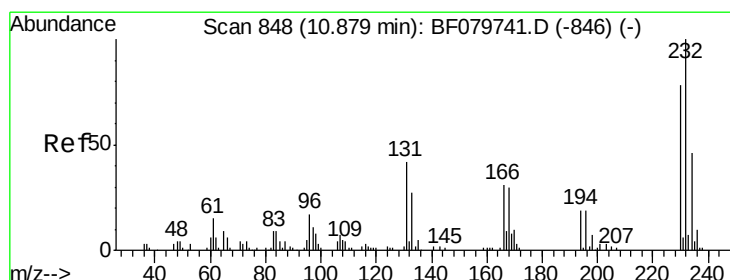
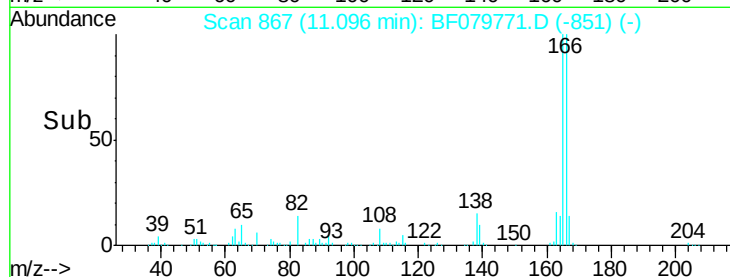
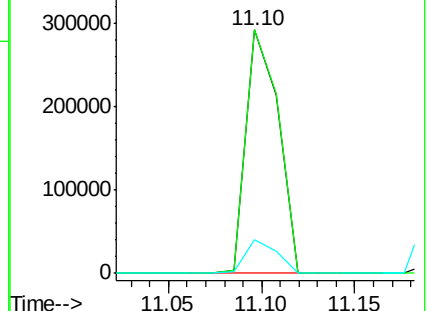
167 13.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.08 ng

RT: 10.87 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Tgt Ion:232 Resp: 92165

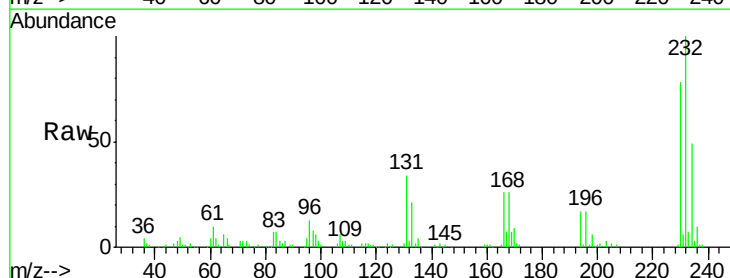
Ion Ratio Lower Upper

232 100

131 41.0 36.5 54.7

130 2.1 1.8 2.8

166 28.8 24.2 36.4

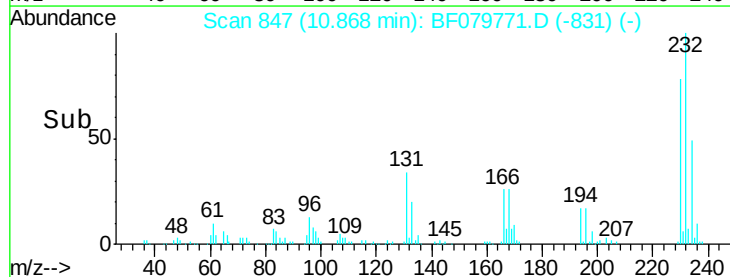
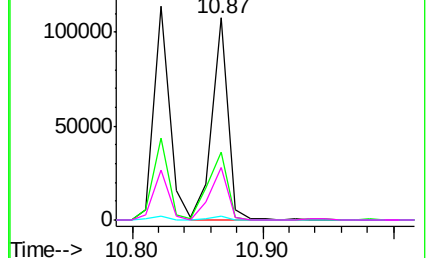


Abundance Ion 232.00 (231.70 to 232.70): E

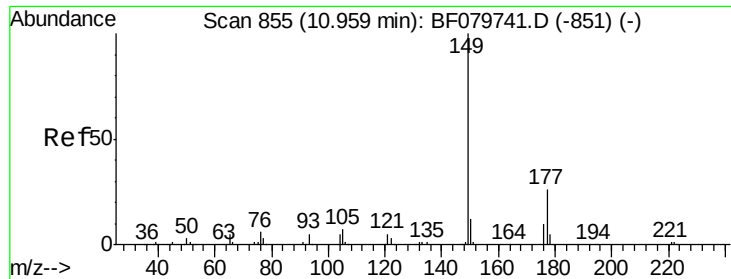
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



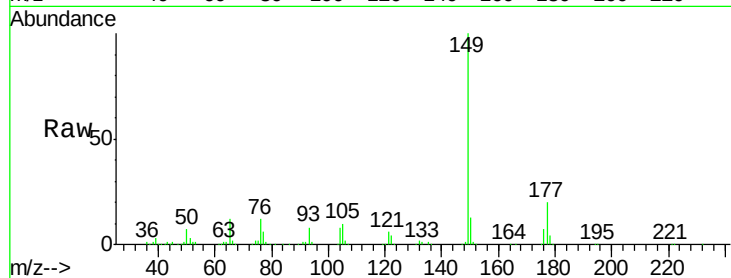




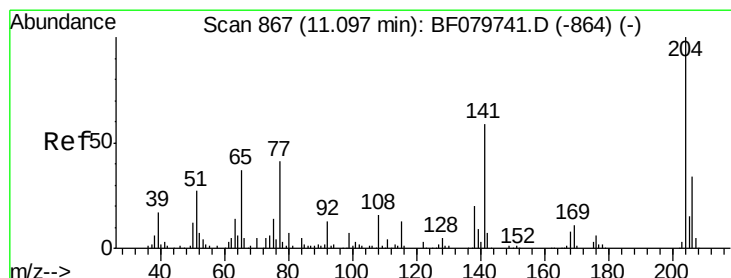
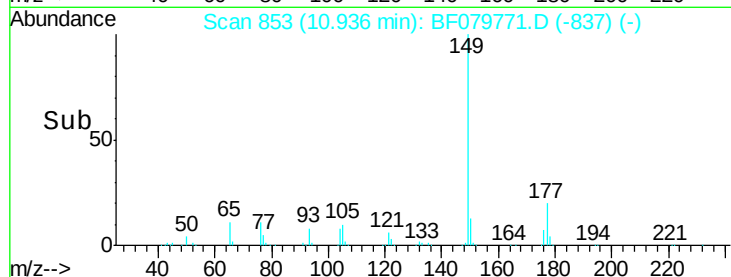
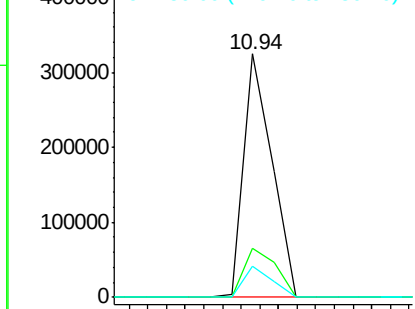
#59  
Diethylphthalate  
Concen: 36.47 ng  
RT: 10.94 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion:149 Resp: 341060  
Ion Ratio Lower Upper  
149 100  
177 19.9 18.1 27.1  
150 12.7 10.5 15.7

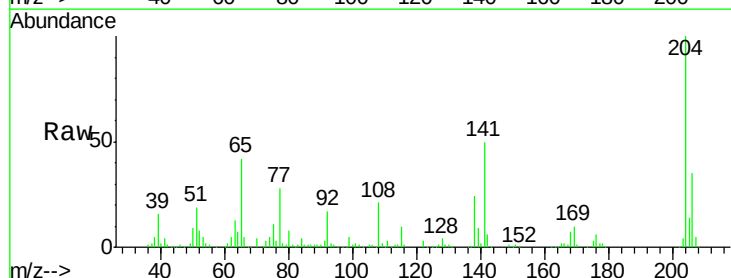


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

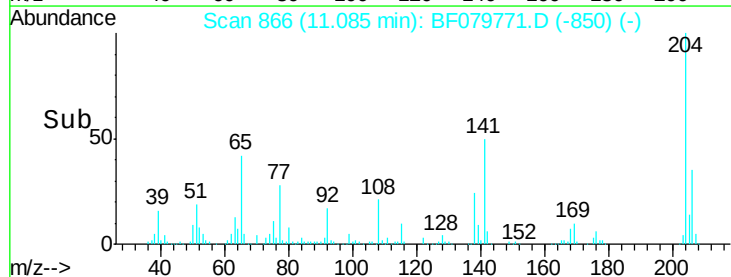
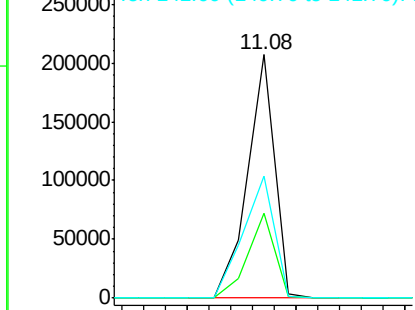


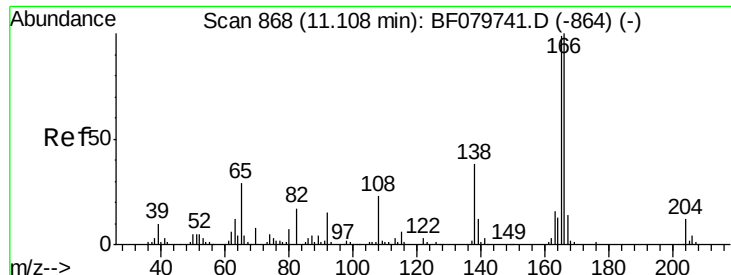
#60  
4-Chlorophenyl-phenylether  
Concen: 38.89 ng  
RT: 11.08 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion:204 Resp: 178382  
Ion Ratio Lower Upper  
204 100  
206 35.1 25.8 38.6  
141 50.1 56.5 84.7#



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

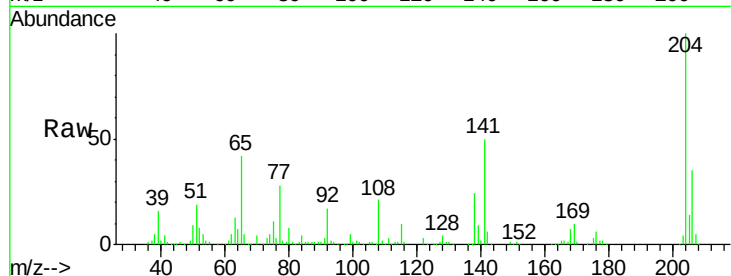




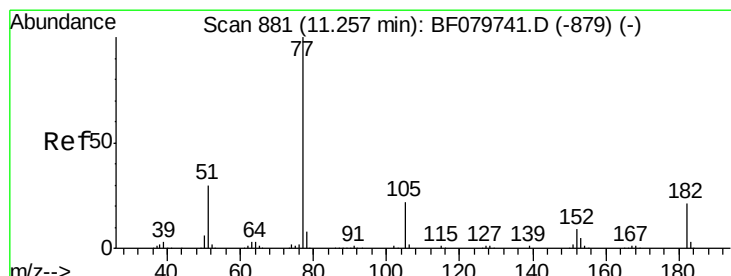
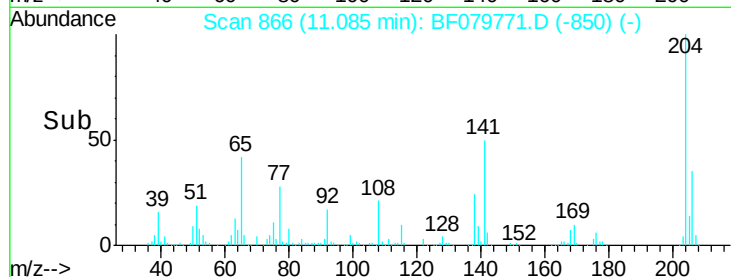
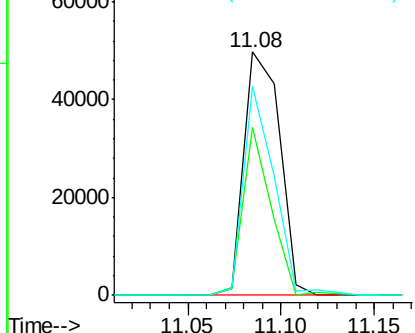
#61  
4-Nitroaniline  
Concen: 35.13 ng  
RT: 11.08 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Instrument :  
BNA\_F  
ClientSampleId :  
PB83804BS

Tgt Ion:138 Resp: 66318  
Ion Ratio Lower Upper  
138 100  
92 68.9 38.2 78.2  
108 86.1 53.8 93.8

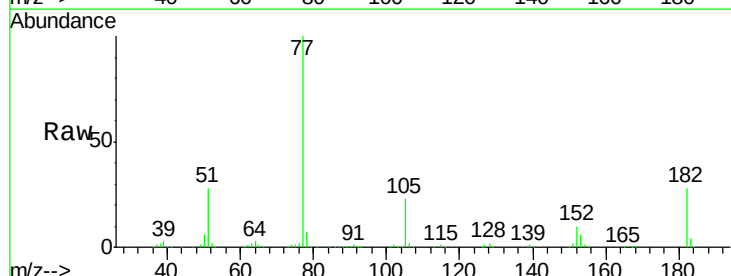


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

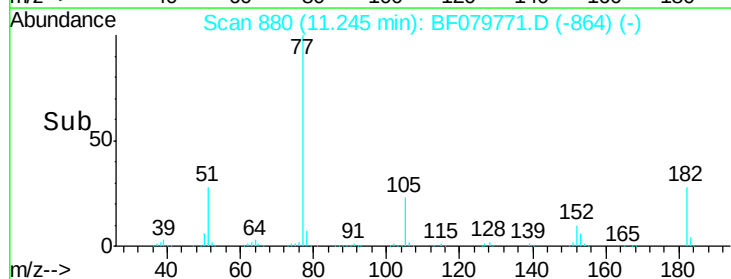
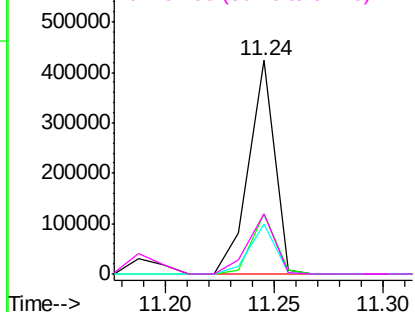


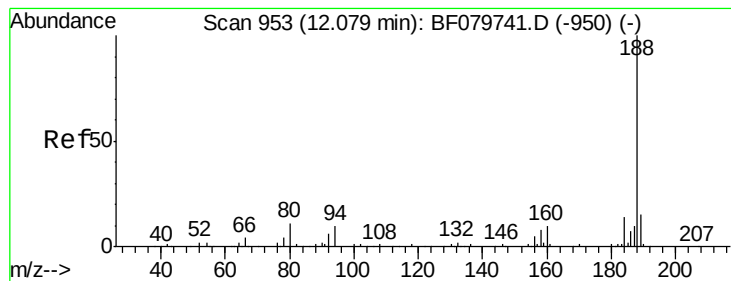
#62  
Azobenzene  
Concen: 37.31 ng  
RT: 11.24 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF079771.D  
Acq: 6 Jun 2015 16:17

Tgt Ion: 77 Resp: 352577  
Ion Ratio Lower Upper  
77 100  
182 28.1 0.0 35.2  
105 23.1 0.0 39.5  
51 28.0 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

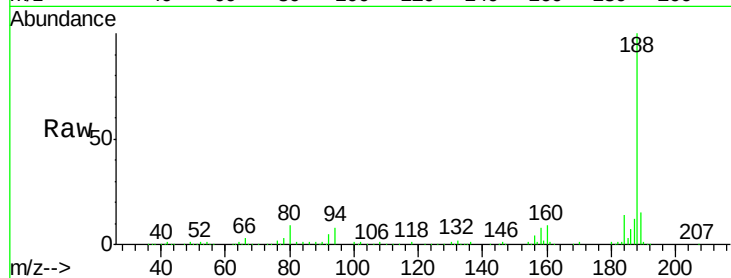
Tgt Ion:188 Resp: 246927

Ion Ratio Lower Upper

188 100

94 8.1 5.0 7.4#

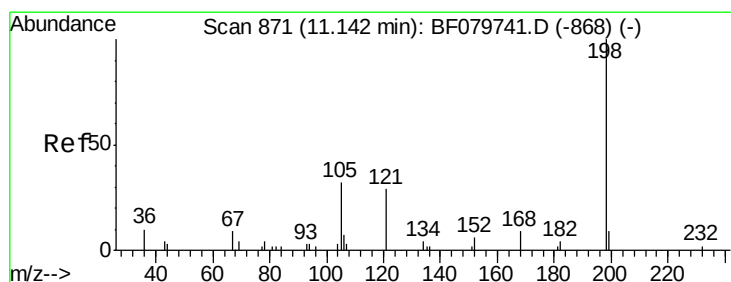
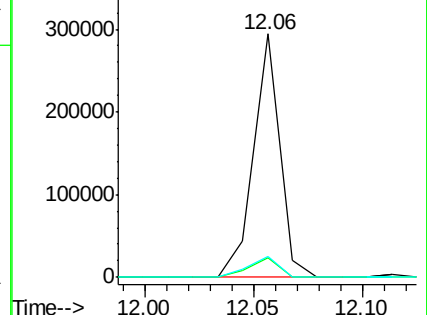
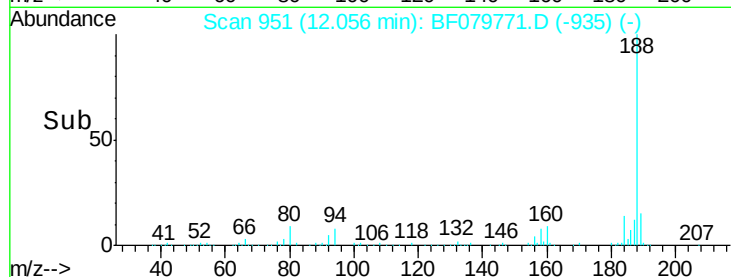
80 8.7 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.04 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

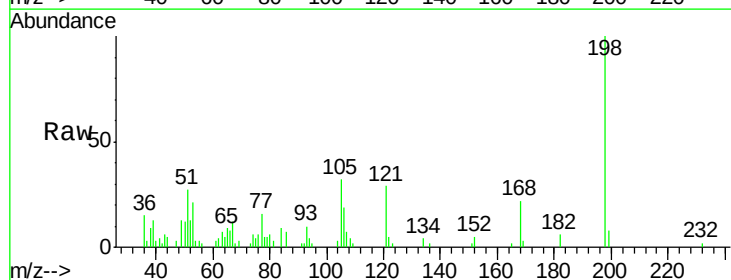
Tgt Ion:198 Resp: 22848

Ion Ratio Lower Upper

198 100

51 26.9 34.4 74.4#

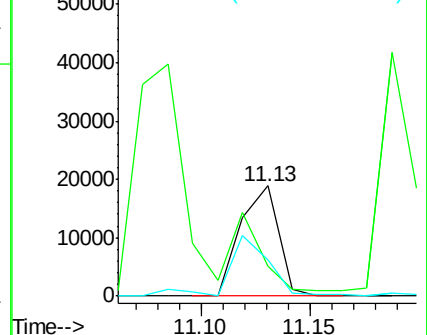
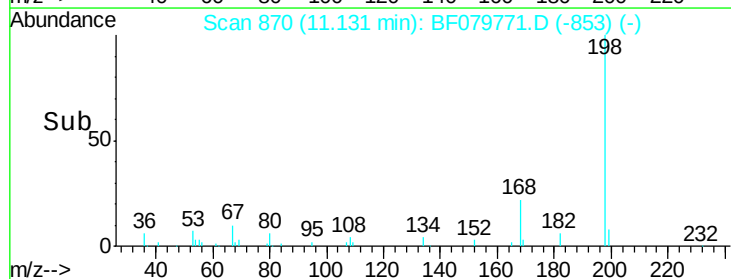
105 32.4 32.7 72.7#

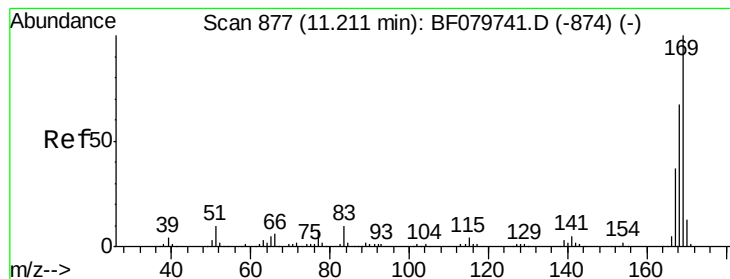


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

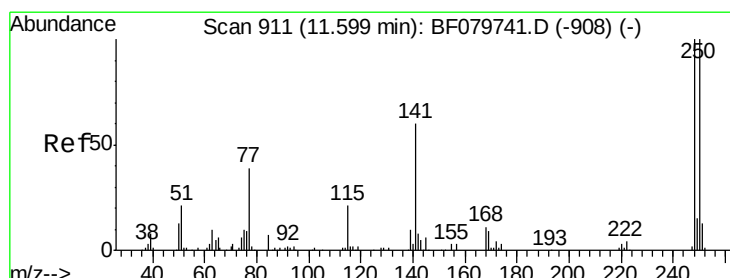
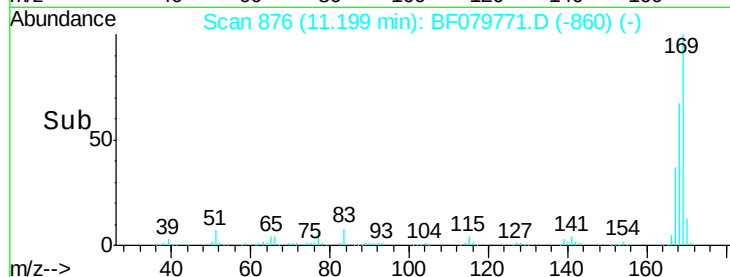
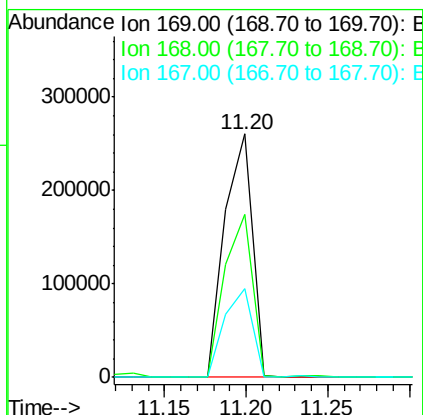
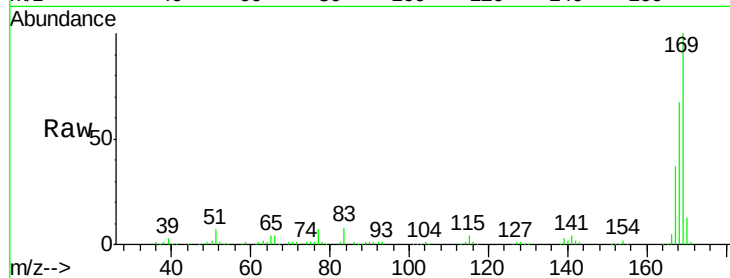




#65  
 n-Nitrosodiphenylamine  
 Concen: 36.89 ng  
 RT: 11.20 min Scan# 876  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

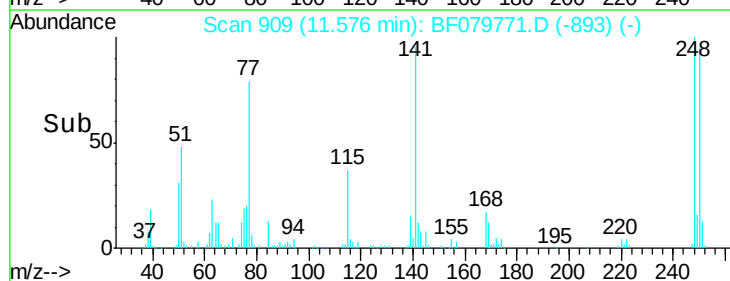
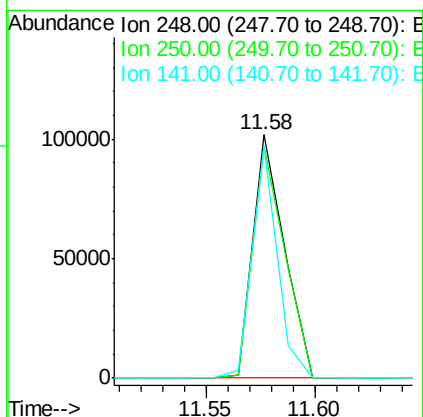
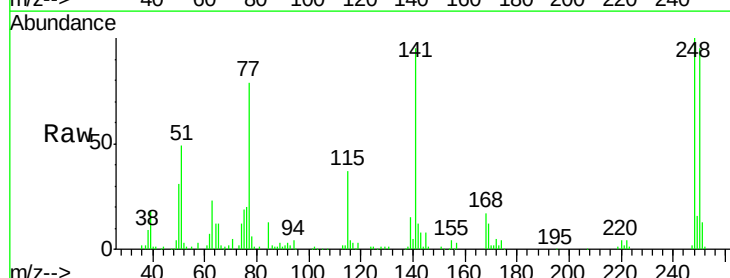
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

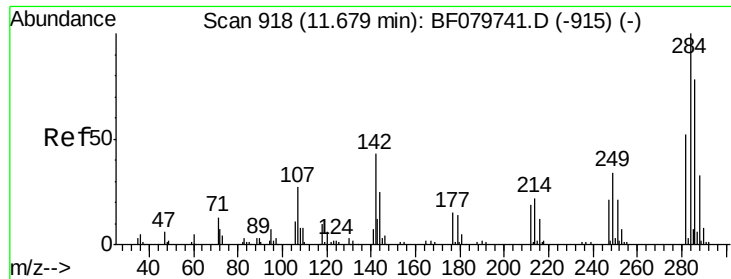
Tgt Ion:169 Resp: 304238  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 54.8 82.2  
 167 36.5 29.7 44.5



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.40 ng  
 RT: 11.58 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Tgt Ion:248 Resp: 102676  
 Ion Ratio Lower Upper  
 248 100  
 250 95.2 76.1 114.1  
 141 95.2 64.6 96.8





#67

Hexachlorobenzene

Concen: 38.49 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

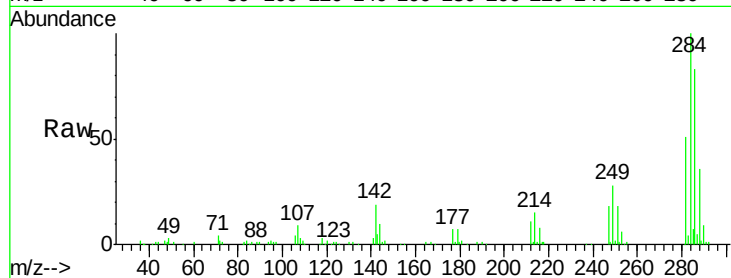
Tgt Ion:284 Resp: 115762

Ion Ratio Lower Upper

284 100

142 18.7 13.0 19.4

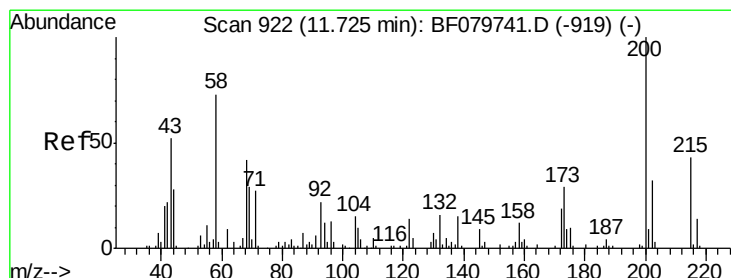
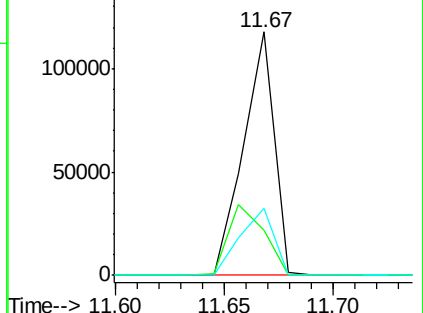
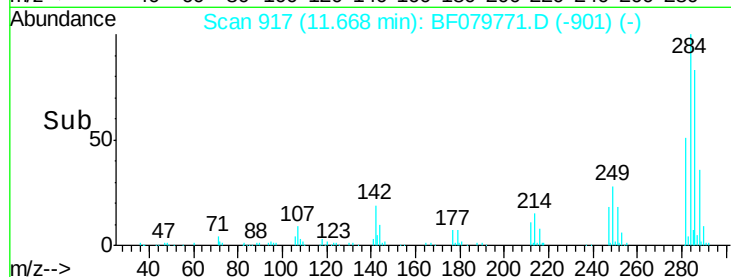
249 27.7 22.3 33.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.41 ng

RT: 11.71 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

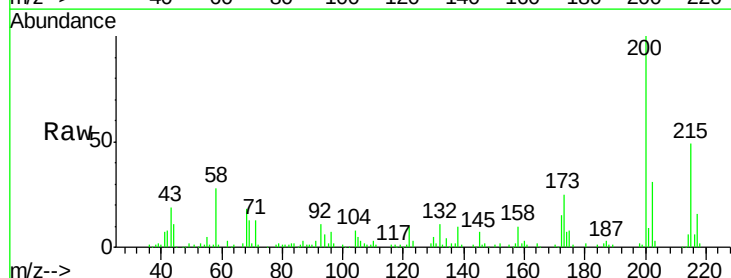
Tgt Ion:200 Resp: 105134

Ion Ratio Lower Upper

200 100

173 25.2 5.5 45.5

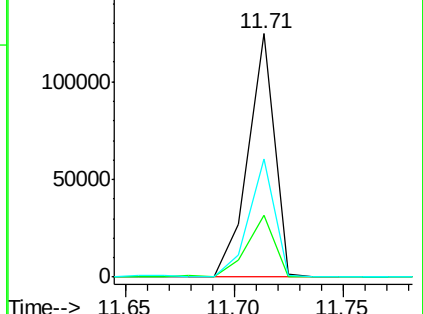
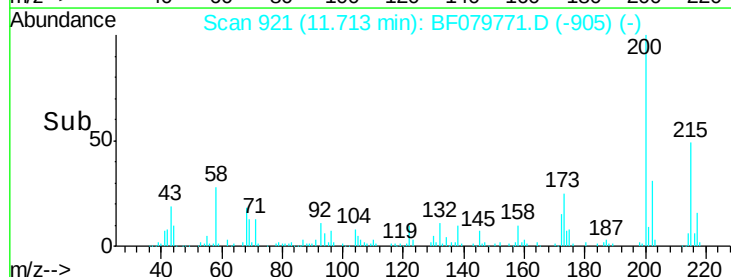
215 48.7 28.5 68.5

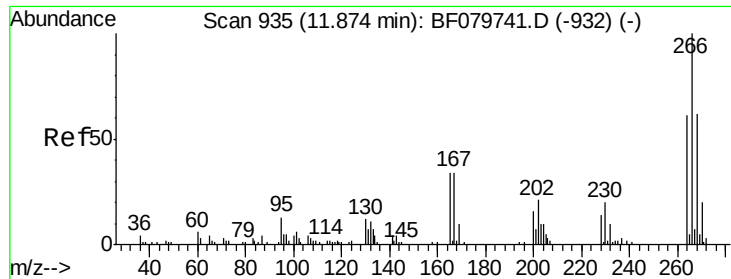


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

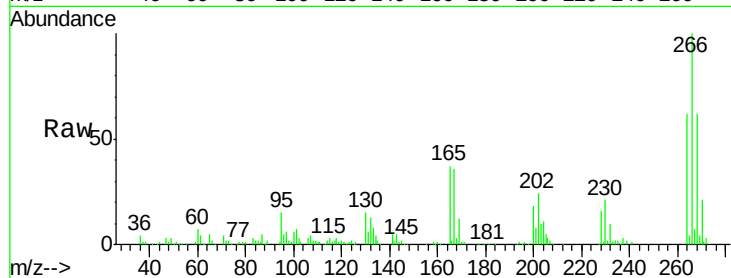




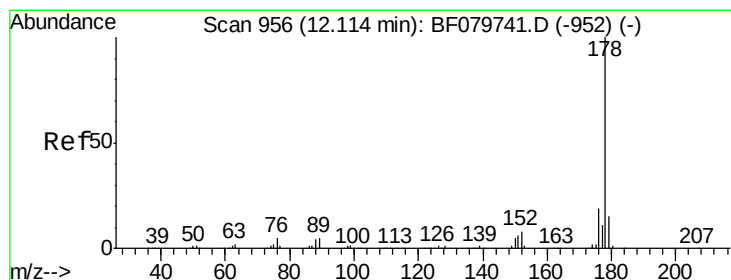
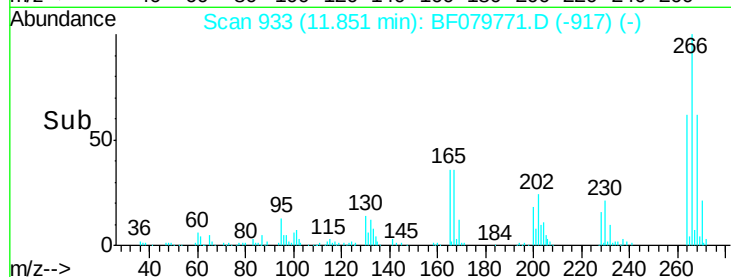
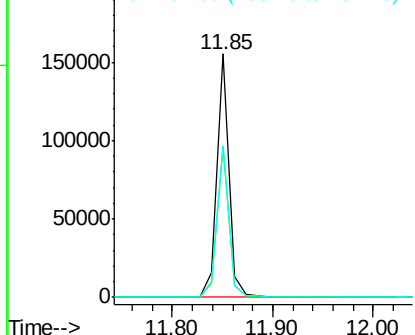
#69  
 Pentachlorophenol  
 Concen: 81.61 ng  
 RT: 11.85 min Scan# 933  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

Tgt Ion:266 Resp: 129629  
 Ion Ratio Lower Upper  
 266 100  
 268 62.3 50.4 75.6  
 264 62.1 51.3 76.9

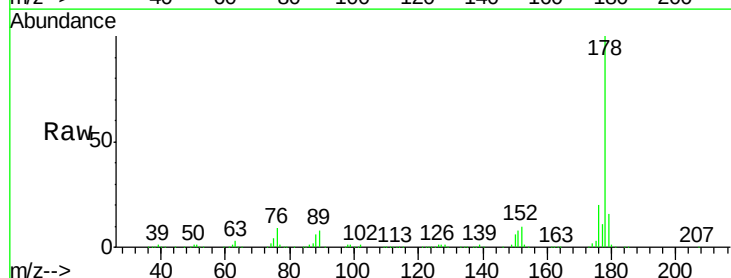


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

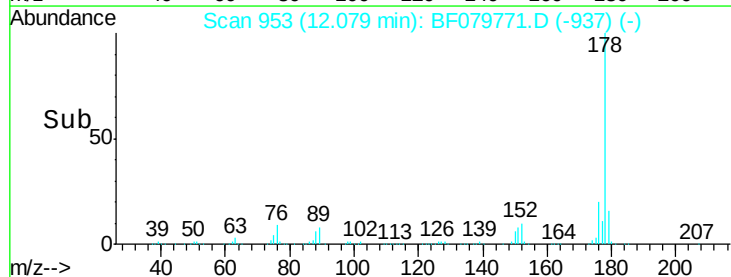
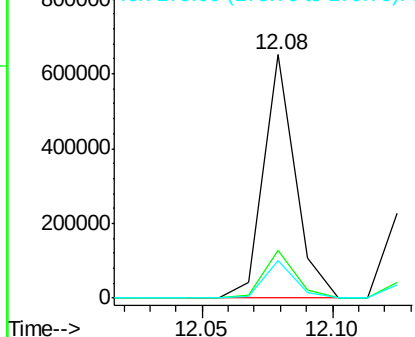


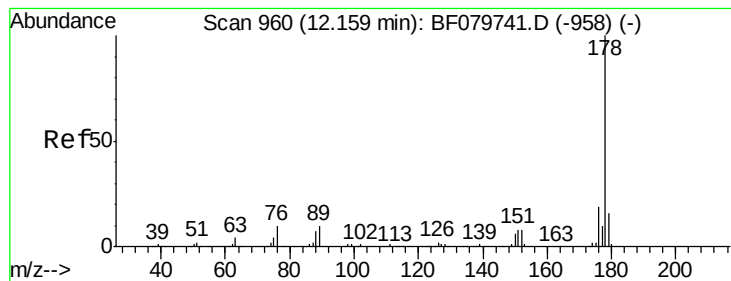
#70  
 Phenanthrene  
 Concen: 38.07 ng  
 RT: 12.08 min Scan# 953  
 Delta R.T. -0.01 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Tgt Ion:178 Resp: 550365  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 16.2 24.4  
 179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.39 ng

RT: 12.14 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

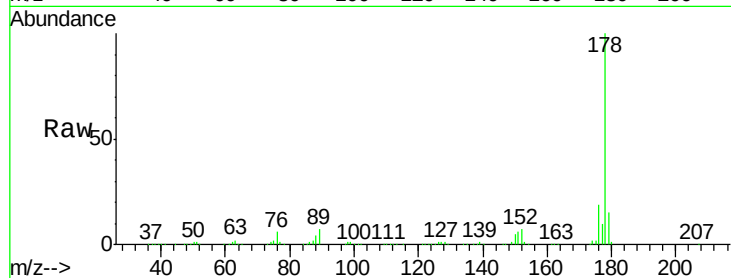
Tgt Ion:178 Resp: 561583

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

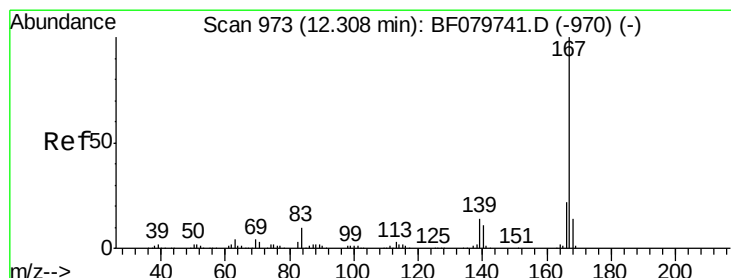
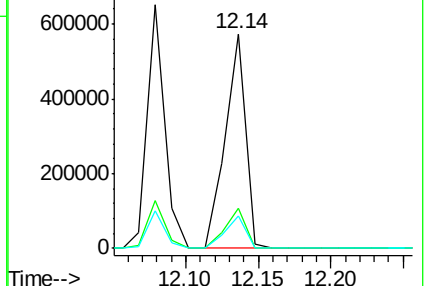
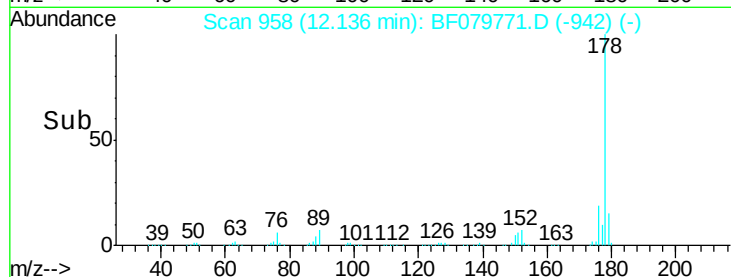
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.62 ng

RT: 12.27 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

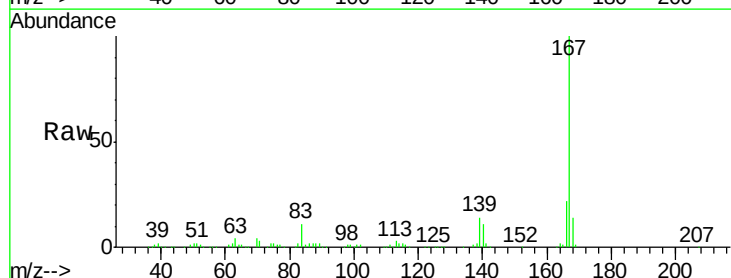
Tgt Ion:167 Resp: 496103

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

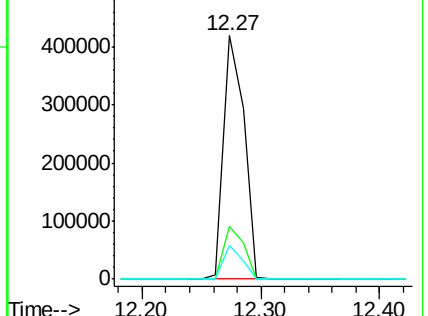
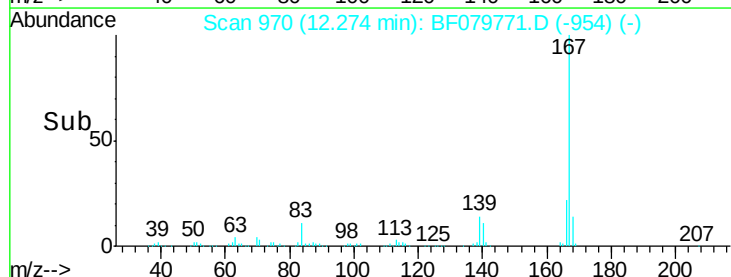
139 13.9 9.3 13.9

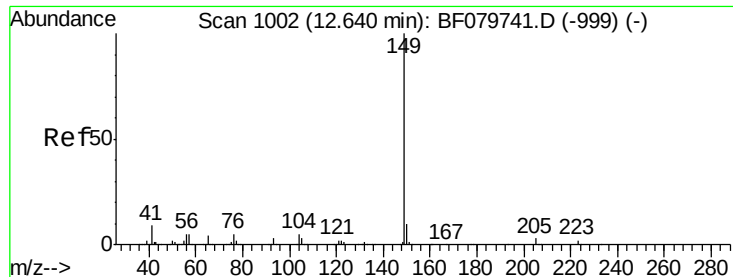


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.93 ng

RT: 12.59 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

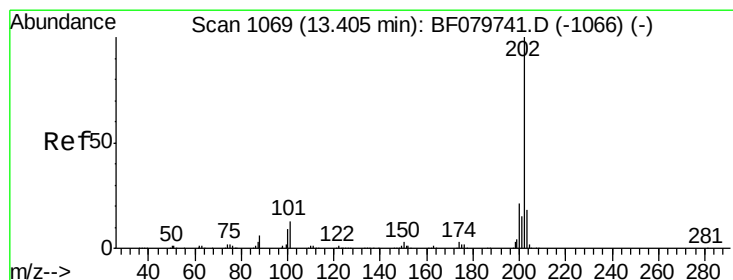
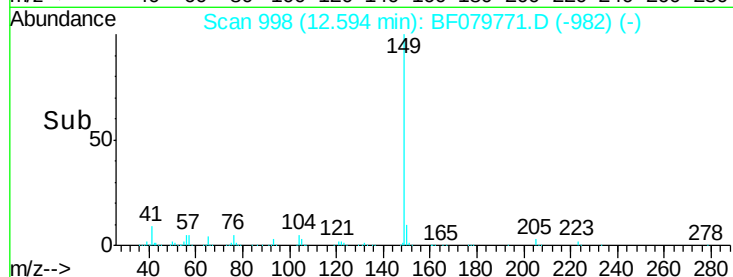
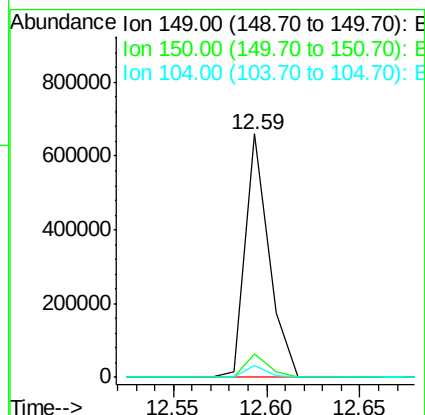
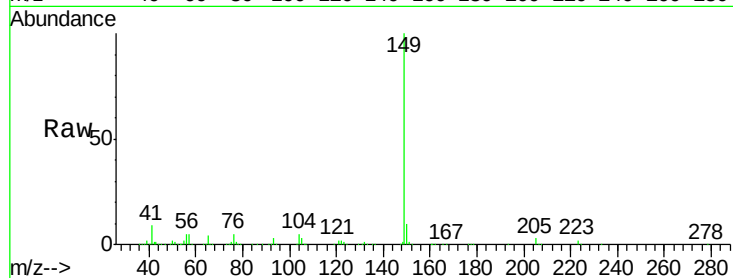
Tgt Ion:149 Resp: 582592

Ion Ratio Lower Upper

149 100

150 9.5 9.8 14.8#

104 5.0 12.9 19.3#



#74

Fluoranthene

Concen: 36.88 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

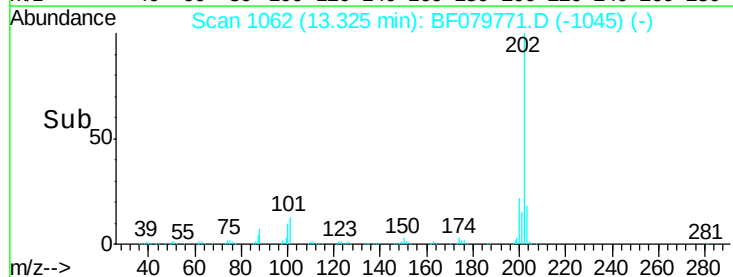
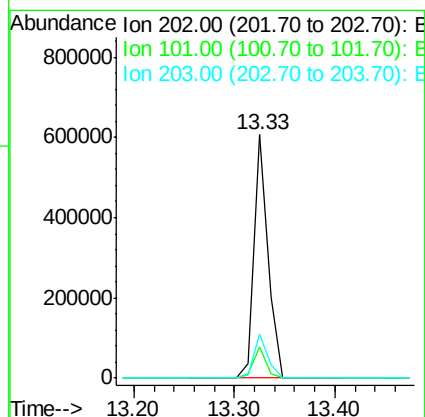
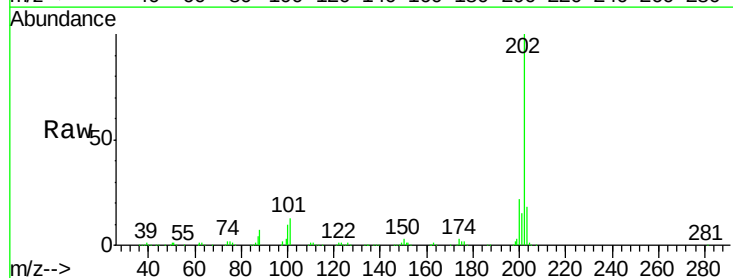
Tgt Ion:202 Resp: 583802

Ion Ratio Lower Upper

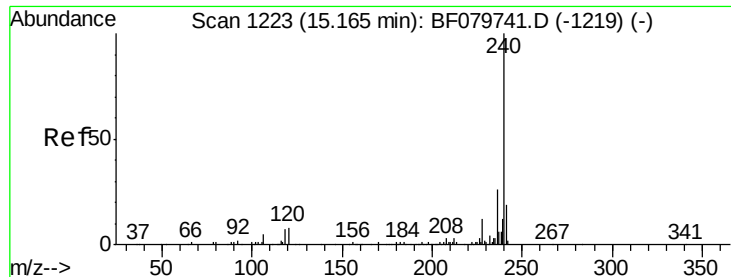
202 100

101 12.8 0.0 31.3

203 18.0 0.0 38.4







#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.97 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

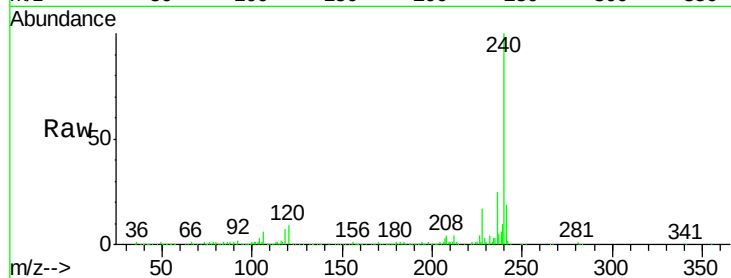
Tgt Ion:240 Resp: 294304

Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.2

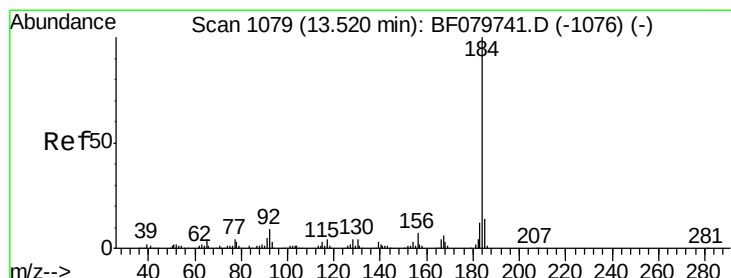
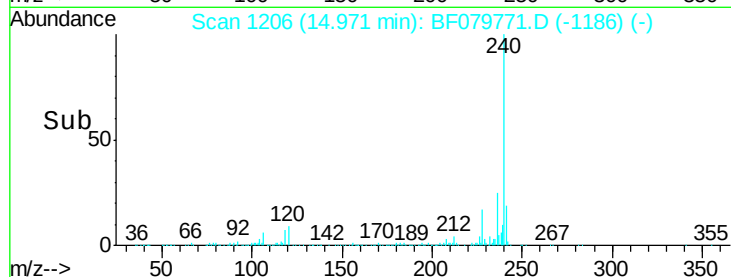
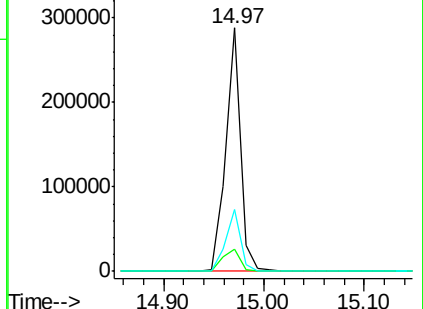
236 25.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.13 ng

RT: 13.44 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

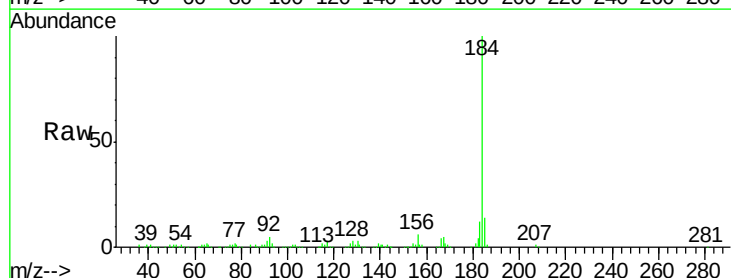
Tgt Ion:184 Resp: 298474

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

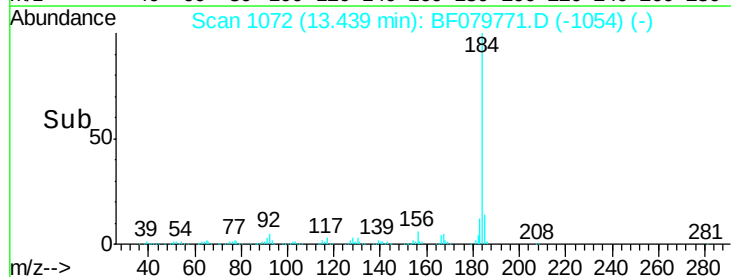
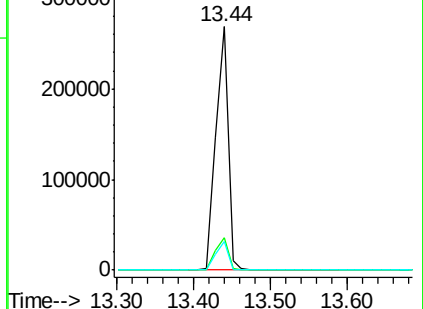
183 11.5 9.3 13.9

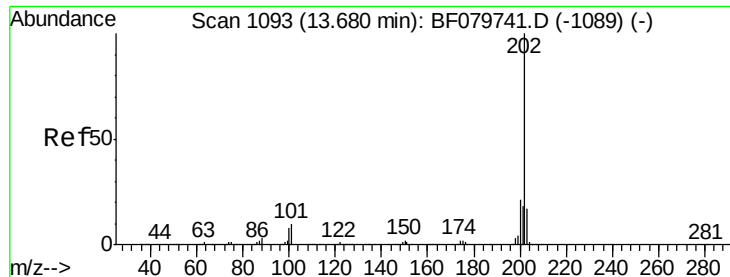


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.01 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

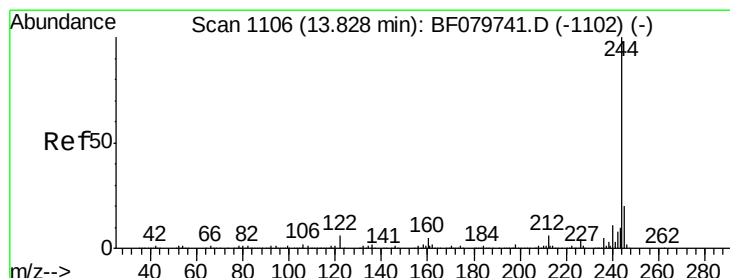
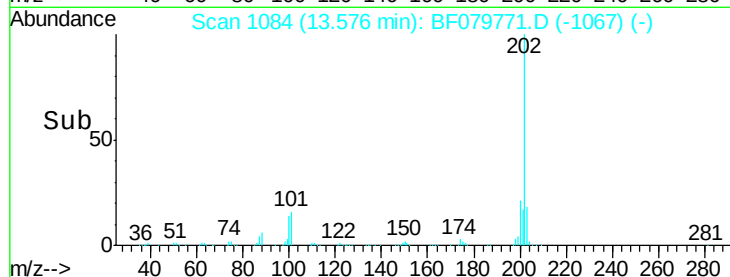
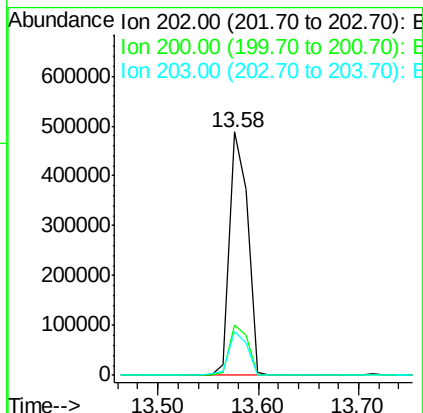
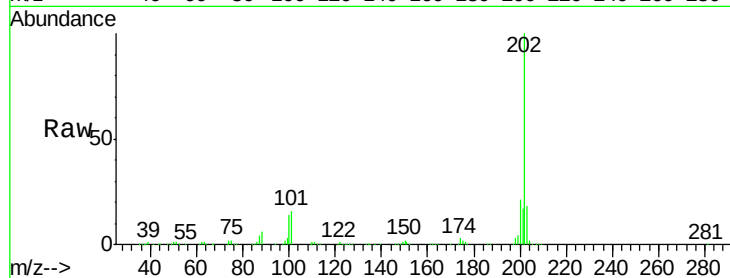
Instrument :

BNA\_F

ClientSampleId :

PB83804BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 613622 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.8  | 17.5  | 26.3   |
| 203      | 18.2  | 14.8  | 22.2   |



#78

Terphenyl-d14

Concen: 73.34 ng

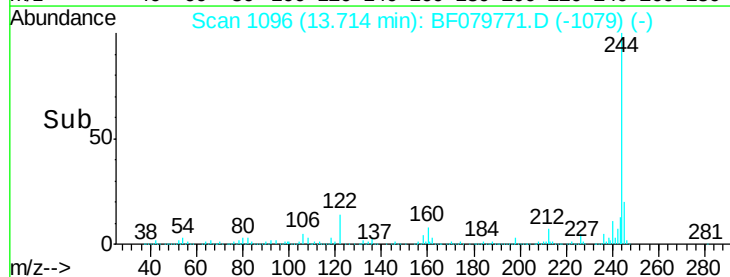
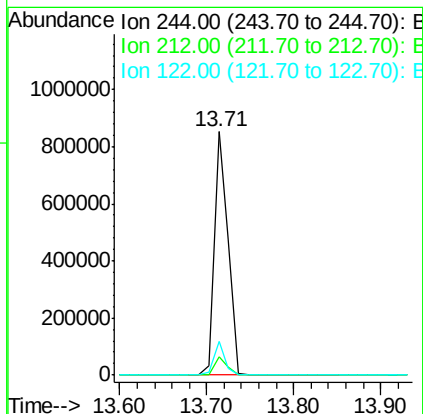
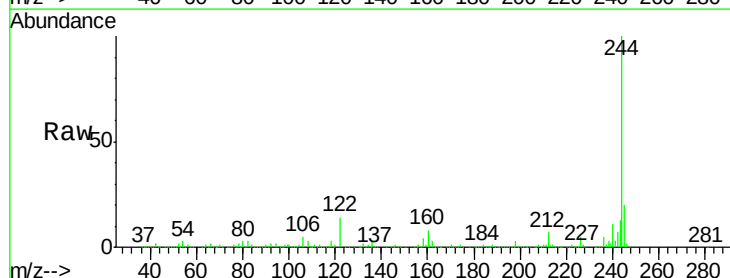
RT: 13.71 min Scan# 1096

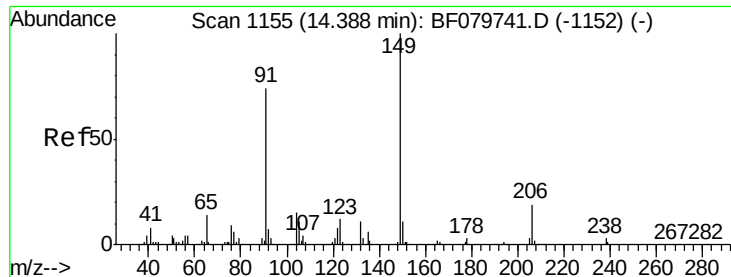
Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 942442 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 7.3   | 6.1   | 9.1    |
| 122      | 13.8  | 9.3   | 13.9   |





#79

Butylbenzylphthalate

Concen: 40.27 ng

RT: 14.24 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

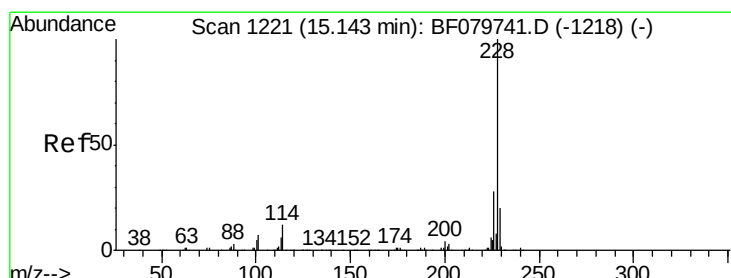
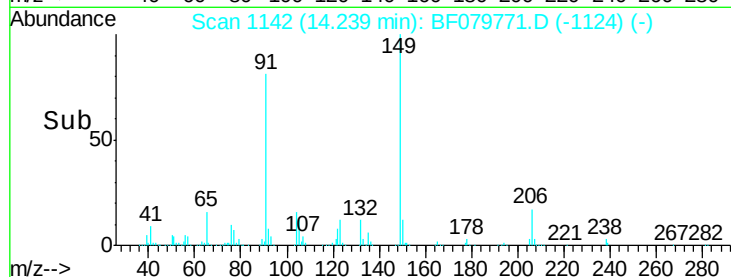
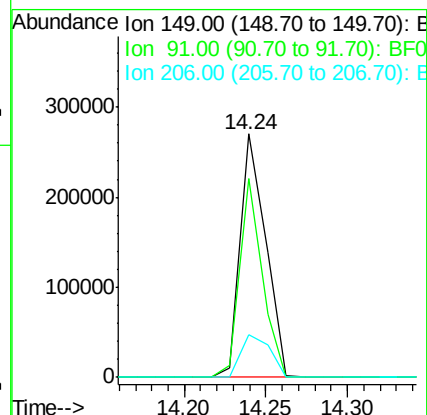
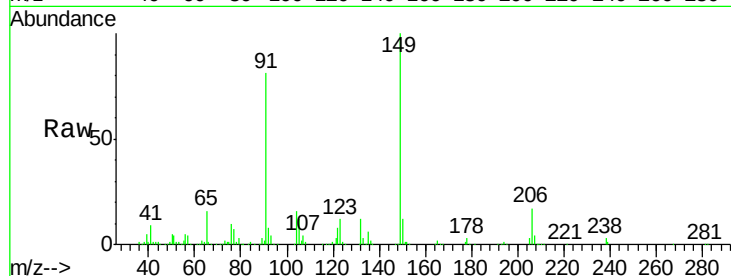
Instrument :

BNA\_F

ClientSampleId :

PB83804BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 289655 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 81.5  | 64.4  | 96.6   |
| 206       | 17.4  | 14.8  | 22.2   |



#80

Benzo(a)anthracene

Concen: 38.50 ng

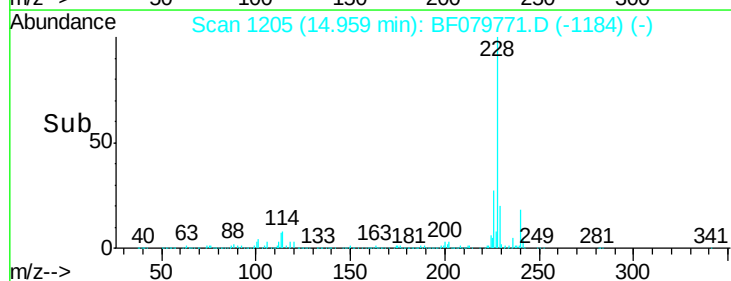
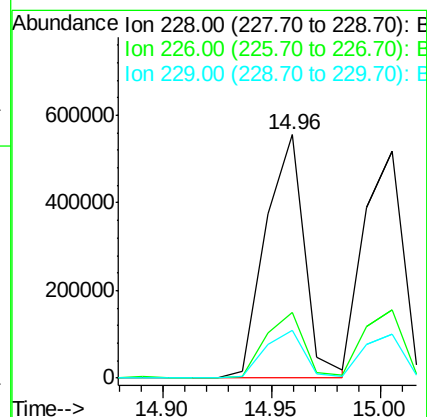
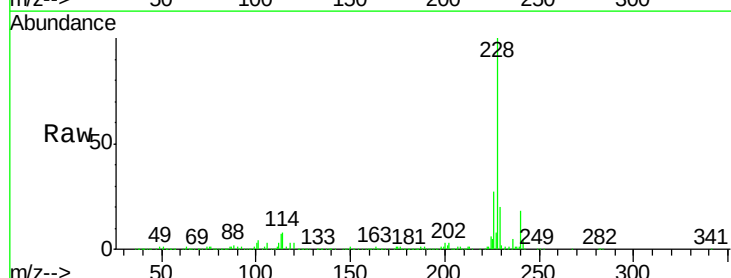
RT: 14.96 min Scan# 1205

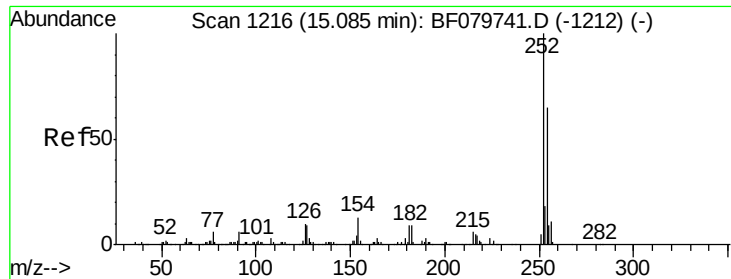
Delta R.T. 0.05 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 693624 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.2  | 22.2  | 33.4   |
| 229       | 19.8  | 16.6  | 25.0   |

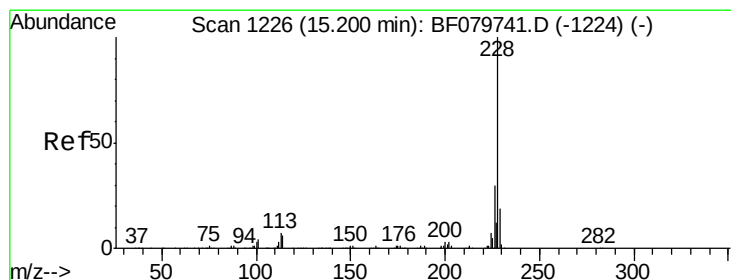
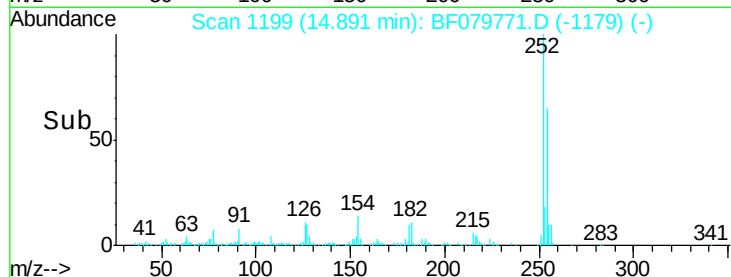
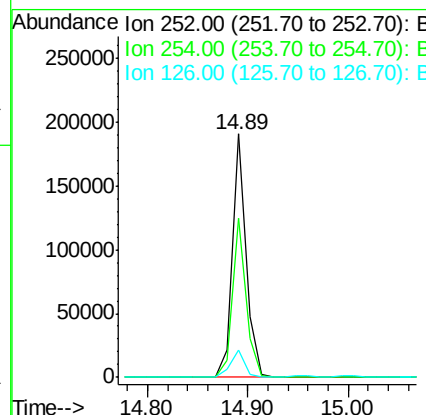
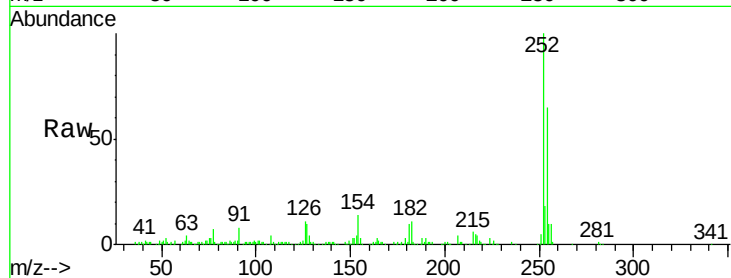




#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.64 ng  
 RT: 14.89 min Scan# 1199  
 Delta R.T. 0.03 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

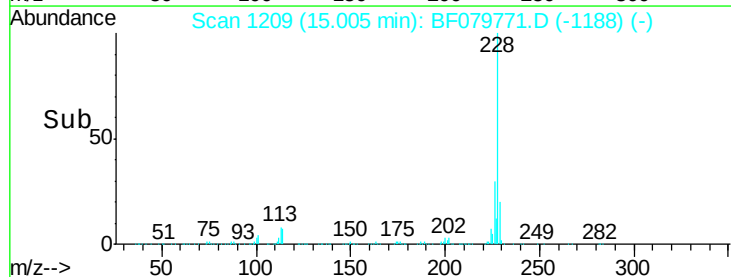
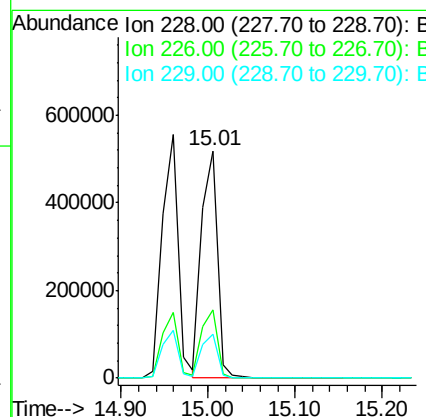
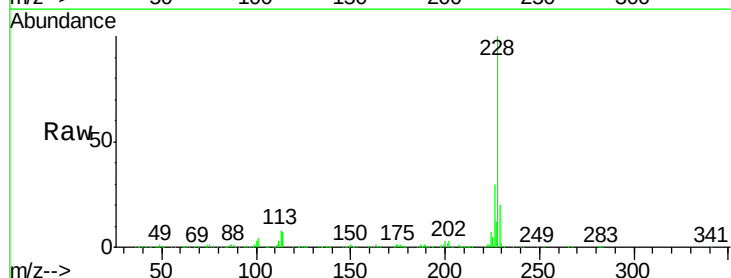
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

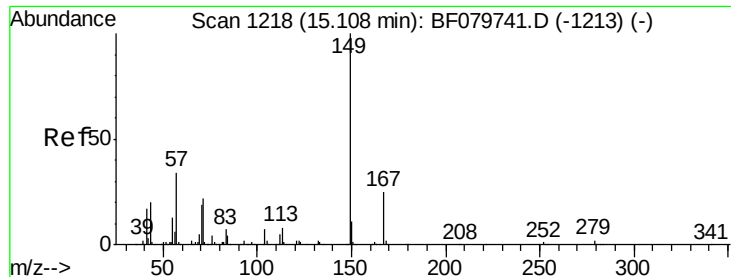
Tgt Ion:252 Resp: 181391  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 52.0 78.0  
 126 11.0 6.9 10.3#



#82  
 Chrysene  
 Concen: 39.23 ng  
 RT: 15.01 min Scan# 1209  
 Delta R.T. 0.05 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Tgt Ion:228 Resp: 653354  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 25.2 37.8  
 229 19.6 16.2 24.4

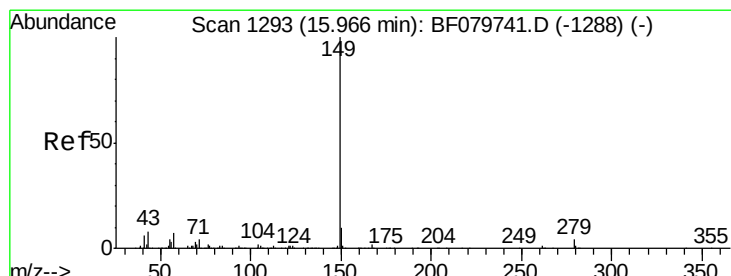
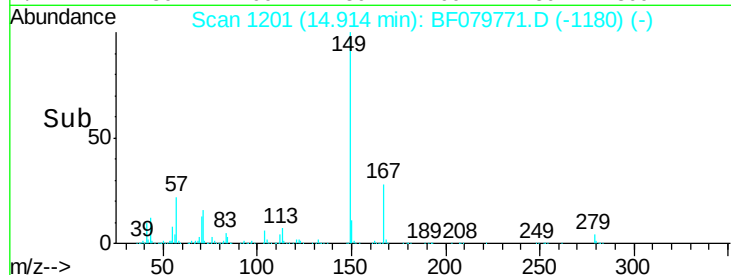
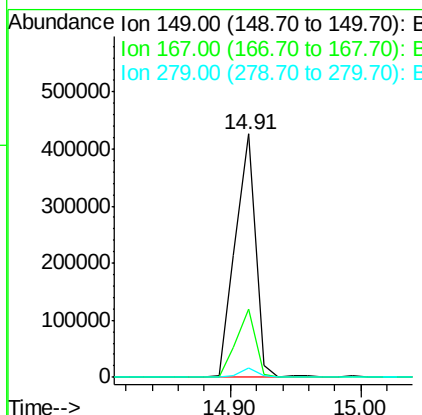
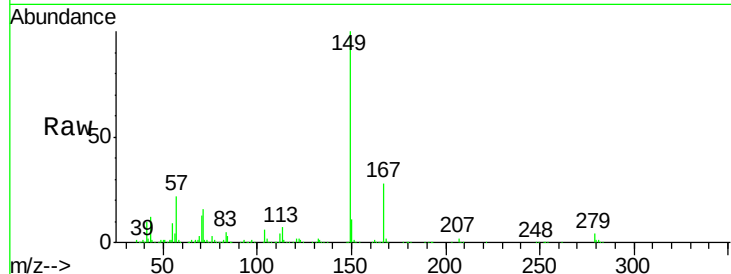




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.45 ng  
 RT: 14.91 min Scan# 1201  
 Delta R.T. 0.05 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

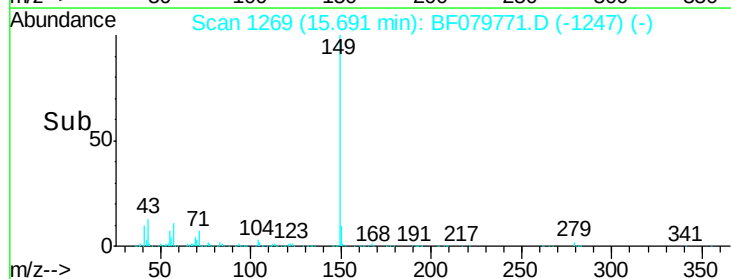
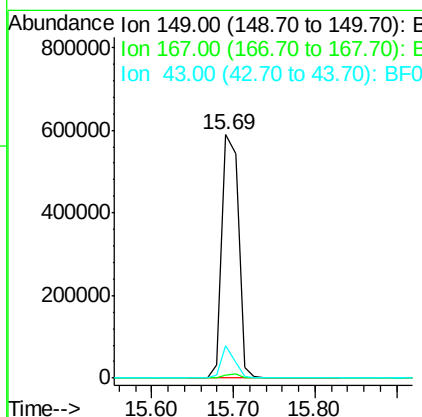
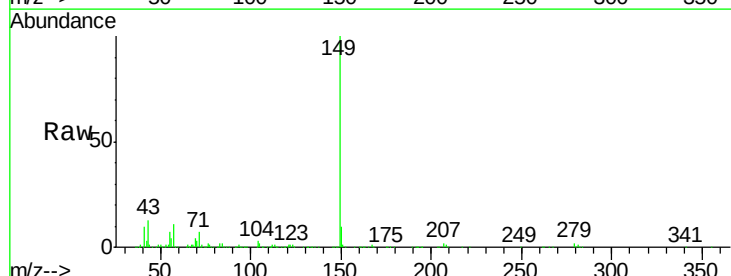
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83804BS

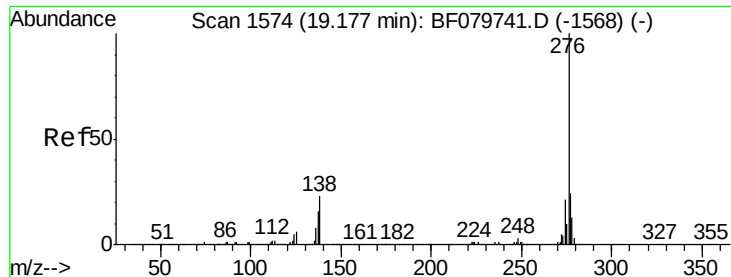
Tgt Ion:149 Resp: 459734  
 Ion Ratio Lower Upper  
 149 100  
 167 28.1 20.9 31.3  
 279 3.8 2.2 3.2#



#84  
 Di-n-octyl phthalate  
 Concen: 41.03 ng  
 RT: 15.69 min Scan# 1269  
 Delta R.T. 0.06 min  
 Lab File: BF079771.D  
 Acq: 6 Jun 2015 16:17

Tgt Ion:149 Resp: 821359  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 10.4 9.0 13.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.09 ng

RT: 18.87 min Scan# 1547

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

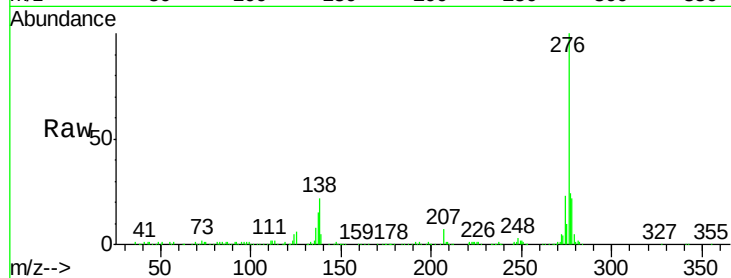
Tgt Ion:276 Resp: 580101

Ion Ratio Lower Upper

276 100

138 25.8 20.8 31.2

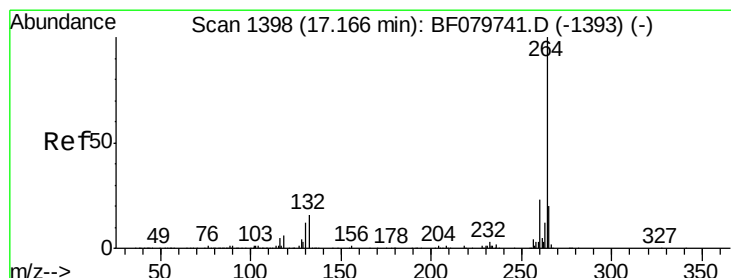
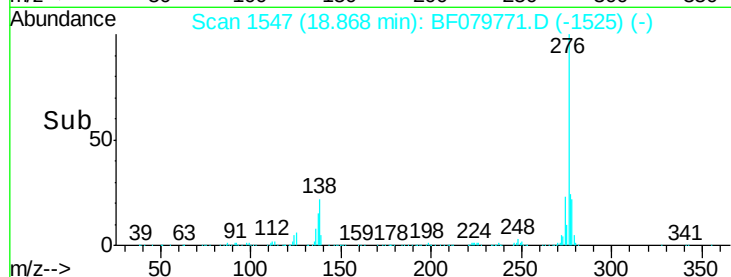
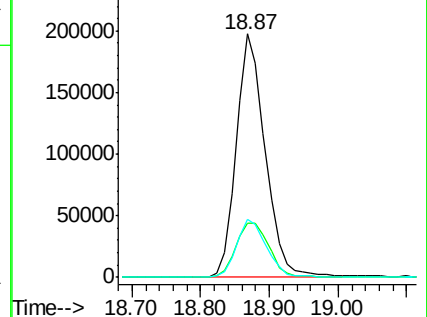
277 24.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.89 min Scan# 1374

Delta R.T. 0.07 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

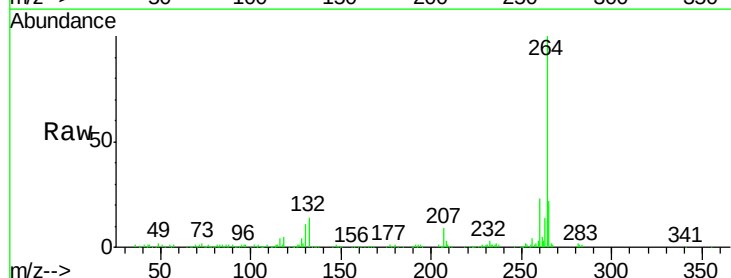
Tgt Ion:264 Resp: 225364

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

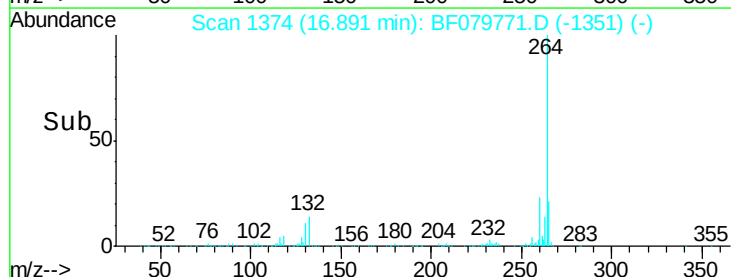
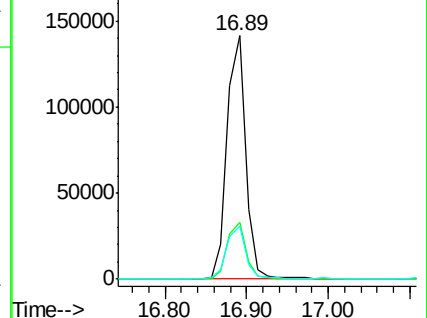
265 21.5 18.2 27.4

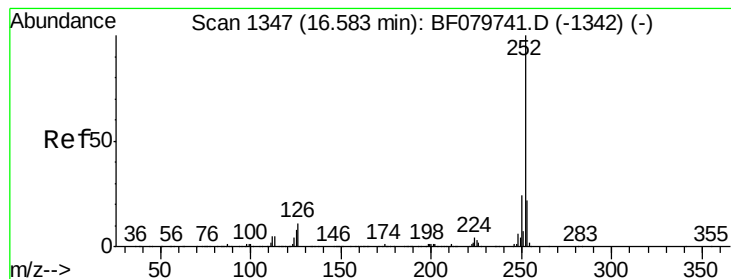


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.99 ng

RT: 16.32 min Scan# 1324

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

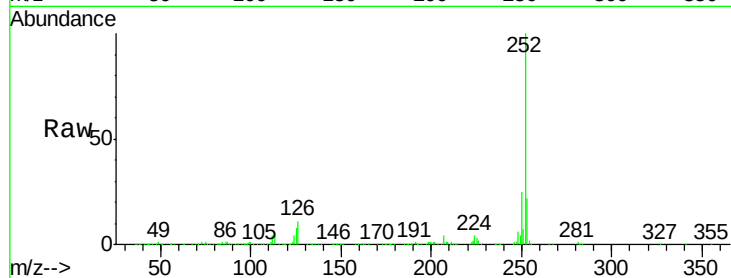
Tgt Ion:252 Resp: 657912

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

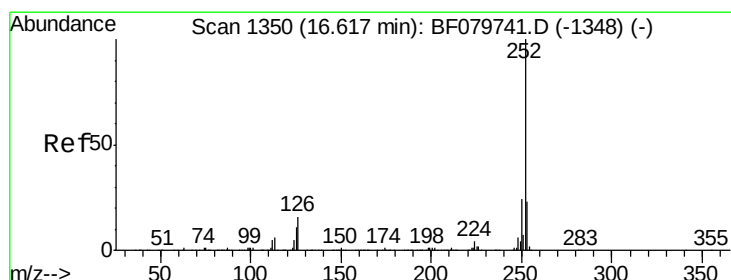
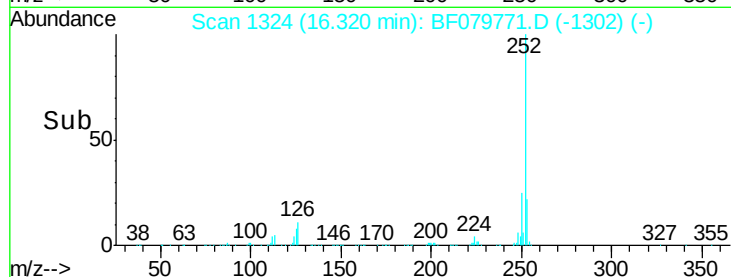
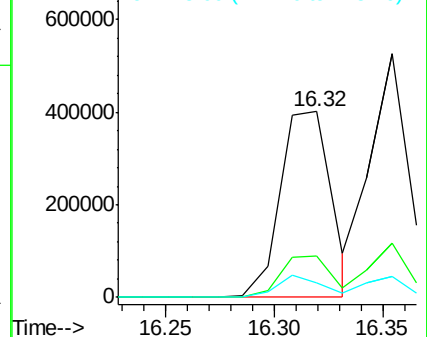
125 8.0 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.82 ng

RT: 16.35 min Scan# 1327

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

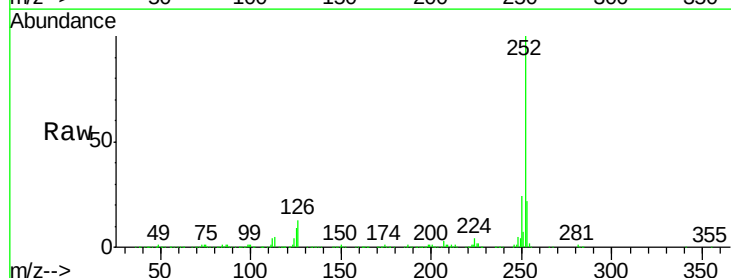
Tgt Ion:252 Resp: 668995

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

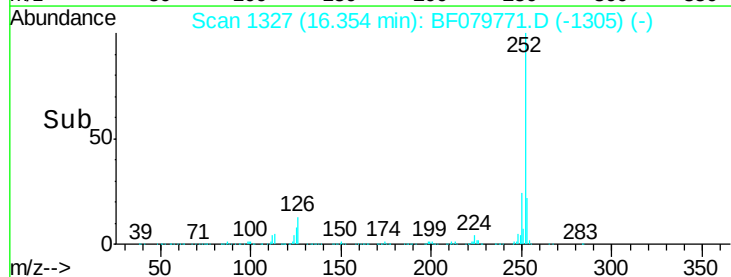
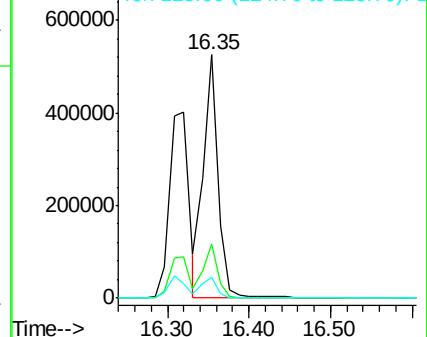
125 8.6 8.4 12.6

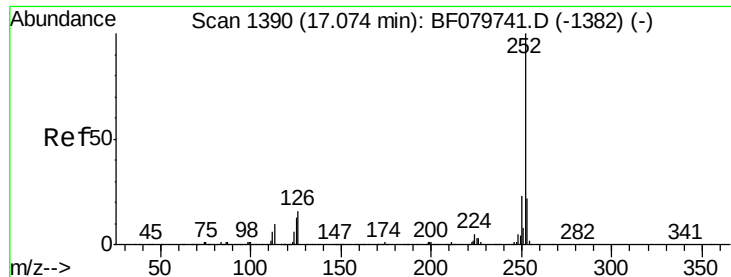


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.51 ng

RT: 16.80 min Scan# 1366

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

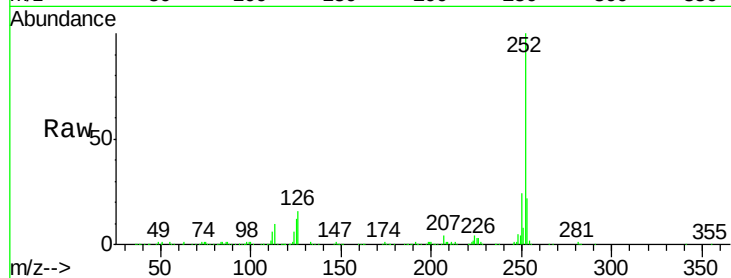
Tgt Ion:252 Resp: 523506

Ion Ratio Lower Upper

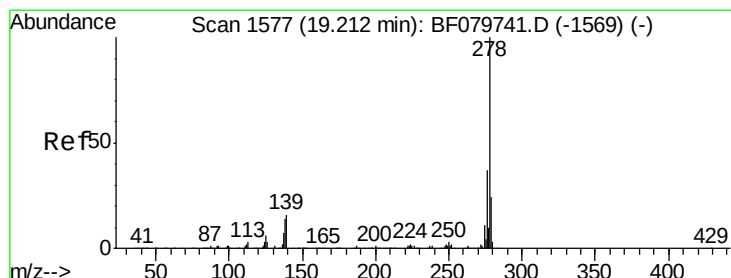
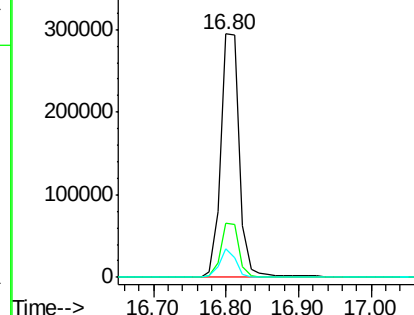
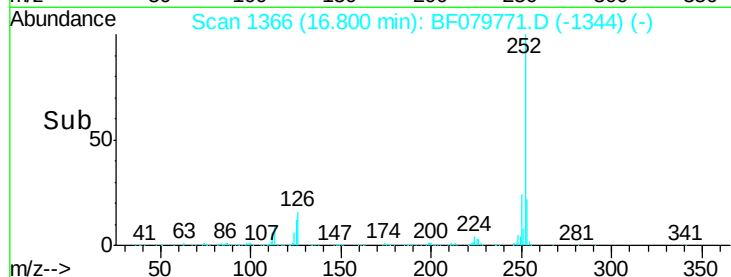
252 100

253 22.1 17.6 26.4

125 11.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.58 ng

RT: 18.89 min Scan# 1549

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

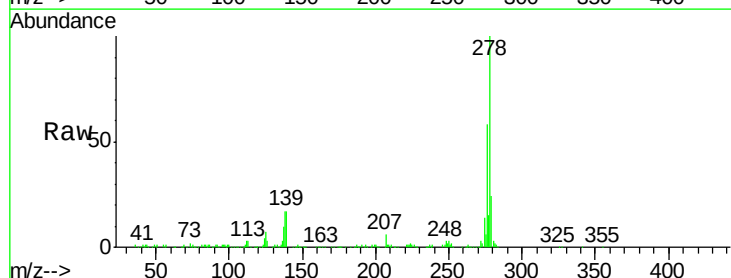
Tgt Ion:278 Resp: 481198

Ion Ratio Lower Upper

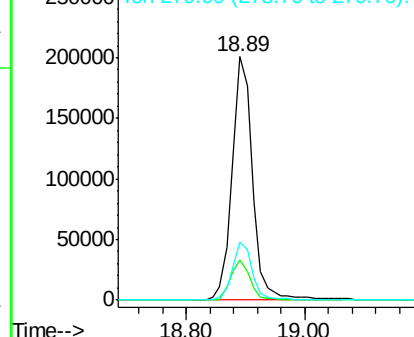
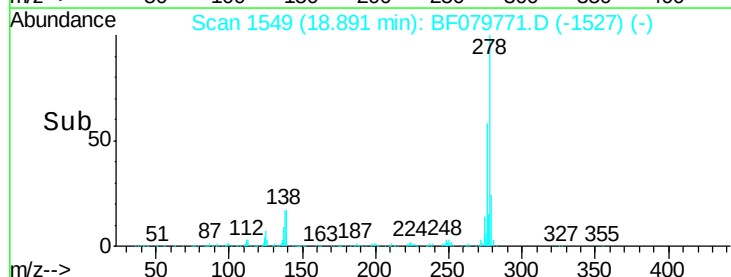
278 100

139 16.7 12.7 19.1

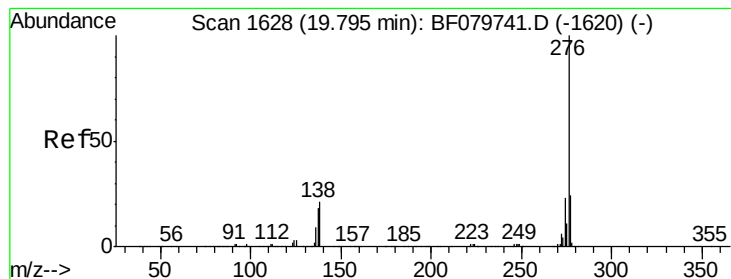
279 24.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E







#91

Benzo(g,h,i)perylene

Concen: 37.95 ng

RT: 19.47 min Scan# 1600

Delta R.T. 0.06 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA\_F

ClientSampleId :

PB83804BS

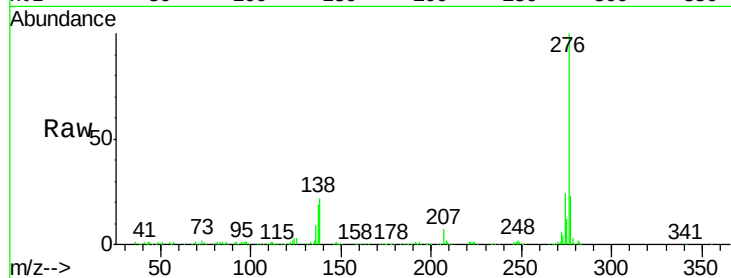
Tgt Ion: 276 Resp: 489322

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.0 18.2 27.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

